

Copper Flat Copper Mine Draft Environmental Impact Statement



Sierra County, New Mexico

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APPENDICES



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CONTENTS

APPENDIX A: EIS SIGNIFICANCE CRITERIA.....	A-1
APPENDIX B: AIR SUPPORTING DOCUMENTATION	B-1
APPENDIX C: SURFACE WATER ANALYSIS DATA	C-1
APPENDIX D: GROUNDWATER ANALYSIS DATA	D-1
APPENDIX E: PROJECTED GROUNDWATER LEVELS AT SELECTED LOCATIONS.....	E-1
APPENDIX F: MODEL SENSITIVITY ANALYSES.....	F-1
APPENDIX G: BIOLOGICAL RESOURCES SURVEY REPORT.....	G-1
APPENDIX H: NATIONAL HISTORIC PRESERVATION ACT SECTION 106 COMPLIANCE CORRESPONDENCE.....	H-1

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APPENDIX A

EIS SIGNIFICANCE CRITERIA

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APPENDIX A: EIS SIGNIFICANCE CRITERIA

IMPACT: AIR QUALITY

Term	Definition
<u>Magnitude</u>	
Major	Total project emissions exceed the major source thresholds or the de minimis thresholds in a nonattainment area and cannot be offset
Moderate	Total project emissions exceed the major source thresholds or the de minimis thresholds in an attainment area, or in any nonattainment area and cannot be offset
Minor	Total project emissions do not exceed the major source thresholds or the de minimis thresholds in any area
<u>Duration</u>	
Long Term	Ongoing or indefinitely
Medium Term	Greater than one year
Short Term	Less than one year
<u>Extent</u>	
Large	Regional level effects
Medium (localized)	Measurable effects localized to areas surrounding the site
Small (limited)	Measurable effects confined primarily to the permit boundary
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

Source: Clean Air Act

IMPACT: CLIMATE CHANGE AND SUSTAINABILITY

Term	Definition
<u>Magnitude</u>	
Major	Immediately observable impact (e.g., significant increase in GHG concentrations or significant decrease in local air quality)
Moderate	Some observable response (e.g., minimal increase in GHG emissions from project area or decrease in air quality)
Minor	No response observed
<u>Duration</u>	
Long Term	More than ten years
Medium Term (limited or intermittent)	Three to ten years
Short Term	Less than three years (assuming a three-year construction phase)
<u>Extent</u>	
Large	Extending outside of state boundaries
Medium (localized)	Extending to state/region
Small (limited)	Only surrounding project area/vicinity
<u>Likelihood</u>	
Probable	Occurs under typical operating condition.
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: WATER QUALITY

Term	Definition
<u>Magnitude</u>	
Major	Violation of applicable surface water quality standard
Minor	Effects to water quality that do not cause violation of applicable surface water quality standard
<u>Duration</u> (Duration is somewhat parameter-and criteria-specific and must be considered in that context)	
Long Term	Effects to water quality that will persist for foreseeable future
Medium Term (limited or intermittent)	Seasonal effects to water quality
Short Term	Short-term or temporary effects to water quality
<u>Extent</u>	
Large	a. Affect entire watershed or multiple watersheds, or b. Affect over 40 percent of major waterbody (e.g., over 40 percent of major lake, >40 percent width and significant length (>100) of major river, etc.)
Medium (localized)	a. Affect over 25 percent of watershed (basin), or b. Affect over 50 percent of small water body, or c. >10 percent, but <40 percent of major water body.
Small (limited)	Affect less than 25 percent single watershed, less than 10 percent major water body. May include entire area of one to two small ponds (<five acres) or small seasonal wetland.
<u>Likelihood</u>	
Probable	Occurs under typical or expected conditions
Possible	Occurs under worst-case conditions or in the case of a upset or malfunction
Unlikely	Not anticipated to occur

IMPACT: SURFACE WATER USE

Term	Definition
<u>Magnitude</u>	
Major	The impact to surface water resources is substantial, with expected surface water depletion rates of greater than 20 percent
Moderate	The impact to surface water resources is measurable, with expected surface water depletion rates ranging from 5 to 20 percent
Minor	The impact to surface water resources is negligible, with expected surface water depletion rates of less than five percent
<u>Duration</u>	
Long Term	Greater than five years.
Medium Term (limited or intermittent)	One to five years or intermittent over the mine life.
Short Term	Less than one year.
<u>Extent</u>	
Large	Impacts to surface water features outside the Greenhorn Arroyo Drainage Basin (e.g., Percha and Las Animas Creeks, Rio Grande)
Medium (localized)	Impacts limited to surface water features within the Greenhorn Arroyo Drainage Basin (e.g., reaches of the Grayback and Green Arroyos outside the proposed mine permit boundary)
Small (limited)	Impacts limited to surface water features adjacent mine facilities (e.g., seeps at the open pit)
<u>Likelihood</u>	
Probable	Impacts to surface water features outside the Greenhorn Arroyo Drainage Basin (e.g., Percha and Las Animas Creeks, Rio Grande)
Possible	Impacts limited to surface water features within the Greenhorn Arroyo Drainage Basin (e.g., reaches of the Grayback and Green Arroyos outside the proposed mine permit boundary)
Unlikely	Impacts limited to surface water features adjacent mine facilities (e.g., seeps at the open pit)

IMPACT: GROUNDWATER USE

Term	Definition
<u>Magnitude</u>	
Major	Resources completely or near completely depleted or made unusable
Moderate	A measurable and noticeable change to resources, causing partial depletion or loss of use
Minor	Little or no change to resources
<u>Duration</u> (Duration is somewhat parameter- and criteria-specific and must be considered in that context)	
Long Term	Permanent change to resources
Medium Term (limited or intermittent)	Resources will recover decades after project ends
Short Term	Impact lasts months to a few years
<u>Extent</u>	
Large	More than ten square miles impacted
Medium (localized)	Less than ten square miles impacted
Small (limited)	Impacted area is a few to many acres
<u>Likelihood</u>	
Probable	Intended consequence will occur
Possible	Occurs as a worst-case only
Unlikely	Will not occur

IMPACT: MINERAL AND GEOLOGICAL RESOURCES

Term	Definition
<u>Magnitude</u>	
Major	Resources are completely or near completely depleted or made unusable
Moderate	A measurable and noticeable change to resources, causing partial depletion or loss of use
Minor	Little or no change to resources
<u>Duration</u> (Duration is somewhat parameter- and criteria-specific and must be considered in that context)	
Long Term	Permanent loss of resources
Medium Term (limited or intermittent)	Resources will recover after project ends
Short Term	Impact lasts only days or weeks
<u>Extent</u>	
Large	Greater than one square mile
Medium (localized)	Greater than ten acres
Small (limited)	Less than ten acres
<u>Likelihood</u>	
Probable	Intended consequence will occur
Possible	Occurs as a worst-case only
Unlikely	Will not occur

IMPACT: SOIL EROSION

Term	Definition
<u>Magnitude</u>	
Major	Secondary effects (e.g., building damage, siltation of surface water)
Moderate	Aesthetic effects
Minor	Imperceptible changes
<u>Duration</u>	
Long Term	Through facility life (>30 years)
Medium Term (limited or intermittent)	Recurrent
Short Term	During critical activities only (during construction, after first test firing)
<u>Extent</u>	
Large	>100 square yards
Medium (localized)	~10 square yards
Small (limited)	<~1 square yard
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: SOIL CONTAMINATION

Term	Definition
<u>Magnitude</u>	
Major	Posing secondary (e.g., health) risks
Minor	No associated health risks
<u>Duration</u>	
Long Term	Cumulative over operational life
Medium Term (limited or intermittent)	Recurrent, or residues accumulating
Short Term	Easily cleared up or self-remediating (e.g., biological breakdown, volatilizing)
<u>Extent</u>	
Large	>100 cubic yards (or 100-square-yard surface area)
Medium (localized)	~10 cubic yards (or 10-square-yard surface area)
Small (limited)	<1 cubic yard (or 2-square-yard surface area)
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: HAZARDOUS MATERIALS

Term	Definition
<u>Magnitude</u>	
Major	Large generator of hazardous waste (generates greater than 1,000 kg of hazardous waste in a calendar month)
Moderate	Large intermittent generator of hazardous waste
Minor	Small quantity generator (generates less than 1,000 kg of hazardous waste in a calendar month)
<u>Duration</u>	
Long Term	Generates hazardous waste throughout life of the project
Medium Term (limited or intermittent)	Intermittent generator of hazardous waste
Short Term	Generates hazardous waste only during infrequent operations
<u>Extent</u>	
Large	Generates hazardous waste during all phases of construction and operation
Medium (localized)	Generates hazardous waste during about half of the construction and operation
Small (limited)	Generates hazardous waste during less than half of the construction and operation
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions.
Possible	Occurs under worst-case operating conditions.
Unlikely	Occurs under upset/malfunction conditions.

IMPACT: SOLID WASTE

Term	Definition
<u>Magnitude</u>	
Major	Existing landfill capacity less than two years, or no existing capacity; or groundwater contamination
Moderate	Landfill capacity would be depleted in two to seven years; no groundwater contamination
Minor	Landfill capacity would be depleted in more than seven years; no groundwater contamination
<u>Duration</u>	
Long Term	Permitting and siting of new disposal facility would take more than three years; or groundwater contamination
Medium Term (limited or intermittent)	Siting and permitting of new disposal facility would take between one to three years
Short Term	Siting and permitting would take less than one year; no groundwater contamination
<u>Extent</u>	
Large	Multiple landfills needed or a large landfill needed to expand capacity (>100 acres); or large groundwater contaminant plume
Medium (localized)	Moderate size landfill needed – 40 to 100 acres.
Small (limited)	Small landfill needed – less than 40 acres.
<u>Likelihood</u>	
Probable	Occurs under typical facility operating conditions.
Possible	Occurs under worst-case operating conditions.
Unlikely	Occurs under upset/malfunction conditions.

IMPACT: BIOLOGICAL RESOURCES**WILDLIFE AND MIGRATORY BIRDS****VEGETATION AND NON-INVASIVE SPECIES****T&E SPECIES AND SPECIAL STATUS SPECIES**

Term	Definition
<u>Magnitude</u>	
Major	Loss of any threatened or endangered species, loss or degradation of any critical habitat. Impacts to threatened or endangered species are considered to be of major magnitude unless a Biological Assessment team report has been prepared and indicates otherwise
Moderate	Loss of any sensitive species or habitats; loss or degradation of any unusual plant communities
Minor	Loss or degradation of undisturbed/developed vegetation or habitat in affected area
<u>Duration</u>	
Long Term	Greater than one year (or during critical periods)
Medium Term (limited or intermittent)	One month to one year
Short Term	Less than one month
<u>Extent</u>	
Large	Greater than five percent of regional (as defined by county or space center boundaries, if known) resources
Medium (localized)	Two to five percent of regional resources
Small (limited)	Less than two percent of regional resources
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: CULTURAL RESOURCES

Term	Definition
<u>Magnitude</u>	
Major	The impact on resources is substantial and noticeable. The impact changes one or more character-defining features of an archeological resource, diminishing the integrity of the resource to the extent that it is no longer eligible for listing on the NRHP. The Section 106 determination would be adverse effect.
Moderate	The impact is measurable and perceptible. The impact is readily apparent or changes one or more character-defining features of an archeological resource to the extent that its NRHP eligibility is jeopardized. The Section 106 determination would be adverse effect.
Minor	The impact on archeological resources is measureable or perceptible, but it is slight and localized within a relatively small area of a site or group of sites. The impact does not affect the character-defining features of NRHP-listed or eligible archeological resources and would not have an effect on the overall integrity of any archeological resources. The Section 106 determination would be no adverse effect.
Negligible	The impact on archeological resources is the lowest level of detection, barely perceptible and not measurable. The Section 106 determination would be no adverse effect.
<u>Duration</u>	
Permanent	Permanent
Long Term	More than five years
Medium Term (limited or intermittent)	One to five years
Short Term	Less than one year
<u>Extent</u>	
Large	Extent really does not apply to cultural resources analysis. Most of historic or archaeological site or district affected (more than 50 percent)
Medium (localized)	Some of historic or archaeological site or district affected (5-50 percent)
Small (limited)	Small portion of historic or archaeological site or district affected (less than five percent)

EIS SIGNIFICANCE CRITERIA

<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

Sources: National Historic Preservation Act

36 CFR 800: Protection of Historic and Cultural Properties

IMPACT: VISUAL RESOURCES

Term	Definition
<u>Magnitude</u>	
Major	A modification, which is dominant in the landscape and demands attention
Moderate	A modification, which attracts attention but is not dominant
Minor	A modification, which can be seen but does not attract attention
<u>Duration</u>	
Long Term	Project life of 20 years or more
Medium Term (limited or intermittent)	Project life of 5 to 10 years
Short Term	Project life of less than five years
<u>Extent</u>	
Large	Visual quality were altered for more than 1,000 people
Medium (localized)	Visual quality were altered for 100-1,000 people
Small (limited)	Visual quality were altered for less than 100 people
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

Source: Bureau of Land Management: Visual Resource Management Guidelines

IMPACT: LAND USE

Term	Definition
<u>Magnitude</u>	
Major	In conflict with Federal or State land use plans
Moderate	In conflict with regional or county land use plans
Minor	In conflict with nearby municipal or site-specific land use plans
<u>Duration</u>	
Long Term	Project life is more than 20 years
Medium Term (limited or intermittent)	Project life is 5-20 years
Short Term	Project life is less than five years
<u>Extent</u>	
Large	Proposed project occupies an area greater than five percent of the planning area jurisdiction
Medium (localized)	-----
Small (limited)	Proposed project occupies an area less than five percent of the planning area jurisdiction
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: RECREATION

Term	Definition
<u>Magnitude</u>	
Major	Project would eliminate areas of prime or unique recreation opportunities or facilities
Moderate	Reduction of recreational opportunities within the area
Minor	Slight modification of recreation opportunities within the area
<u>Duration</u>	
Long-term	Project life is more than 20 years
Medium-term (limited or intermittent)	Project life is 5 to 20 years
Short-term	Project life is less than five years
<u>Extent</u>	
Large	Users from the State or beyond
Medium (localized)	Users from Sierra County and neighboring counties
Small (limited)	Predominantly local users
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: SPECIAL MANAGEMENT AREAS

Term	Definition
<u>Magnitude</u>	
Major	Project would significantly impair use or viability of Special Management Areas
Moderate	Project would hinder use or viability of Special Management Areas
Minor	Slight modification of Special Management Areas
<u>Duration</u>	
Long Term	Project life is more than 20 years
Medium Term (limited or intermittent)	Project life is 5 to 20 years
Short Term	Project life is less than five years
<u>Extent</u>	
Large	Project would directly impact Special Management Areas immediately adjacent to and not adjacent to project area
Medium (localized)	Project may impact adjacent Special Management Areas
Small (limited)	Impacts would be confined to project area
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: LANDS AND REALTY

Term	Definition
<u>Magnitude</u>	
Major	In conflict with Federal or State land use plans
Moderate	In conflict with regional or county land use plans
Minor	In conflict with nearby municipal or site-specific land use plans
<u>Duration</u>	
Long Term	Project life is more than 20 years
Medium Term (limited or intermittent)	Project life is 5 to 20 years
Short Term	Project life is less than five years
<u>Extent</u>	
Large	Proposed project occupies an area greater than five percent of the planning area jurisdiction
Medium (localized)	-----
Small (limited)	Proposed project occupies an area less than five percent of the planning area jurisdiction
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: RANGE AND LIVESTOCK

Term	Definition
<u>Magnitude</u>	
Major	Impair use of grazing allotment such that a reduction in permitted active AUM use would be required that could cause economic harm to the permittee
Moderate	Hinder use of grazing allotment such that permitted active AUM use would be adjusted
Minor	Disrupt use of grazing allotment but no adjustment to active AUM use
<u>Duration</u>	
Long-term	Project life of ten years or more
Medium-term (limited or intermittent)	Project life of five to ten years
Short-term	Project life of less than five years
<u>Extent</u>	
Large	New surface disturbance on BLM land within grazing allotment resulting in greater than ten percent reduction of forage derived from BLM land
Medium (localized)	New surface disturbance on BLM land within grazing allotment resulting in five to ten percent reduction of forage derived from BLM land
Small (limited)	New surface disturbance on BLM land within grazing allotment resulting in less than five percent reduction of forage derived from BLM land
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: TRAFFIC

Term	Definition
<u>Magnitude</u>	
Major	Service level decreased to E or below (vehicle spacing is at approximately six car lengths)
Moderate	Service level decrease to D (vehicle spacing is at or above 165', or nine car lengths)
Minor	Service level remains at C or above (vehicle spacing is in range of 220', or 11 car lengths.)
<u>Duration</u>	
Long Term	More than three years (operational period)
Medium Term (limited or intermittent)	One to three years (generally equivalent to construction period)
Short Term	Less than one year (associated with temporary road closures)
<u>Extent</u>	
Large	Multiple intersections or road segments on key access routes to community
Medium (localized)	One to three intersections or road segments, primarily affects traffic routes
Small (limited)	One intersection or road segment, not key location in local system
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/ malfunction conditions

IMPACT: NOISE

Term	Definition
<u>Magnitude</u>	
Major	Project creates a substantial amount of incompatible land use in high density residential areas
Moderate	Project creates some amount of incompatible land use in either undeveloped, agricultural, or low density residential areas
Minor	Project does not create any incompatible land use
<u>Duration</u>	
Long Term	Ongoing or indefinitely
Medium Term	Greater than one year
Short Term	Less than one year
<u>Extent</u>	
Large	Regional level effects - noise would be audible for several miles
Medium	Measurable effects localized to areas surrounding the site
Small	Measurable effects confined primarily to the permit boundary
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: VIBRATIONS

Term	Definition
<u>Magnitude</u>	A-Weighted (humans)
Major	Project generates vibrations that would be damaging to structures and distinctly perceptible in high density residential areas
Moderate	Project generates vibrations that would be damaging to structures and distinctly perceptible in either undeveloped, agricultural, or low density residential areas
Minor	Project does not generate vibrations that would be damaging to structures and distinctly perceptible at any nearby residence
<u>Duration</u>	
Long Term	Ongoing or indefinitely
Medium Term	Greater than one year
Short Term	Less than one year
<u>Extent</u>	
Large	Regional level effects - noise would be audible for several miles
Medium	Measurable effects localized to areas surrounding the site
Small	Measurable effects confined primarily to the permit boundary
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: SOCIOECONOMICS – CHANGES IN RESIDENT POPULATION, HOUSING, AND COMMUNITY SERVICES

Term	Definition
<u>Magnitude</u>	
Major	Greater than three percent change in resident population, causing existing community services (educational, health, fire, and police services) and housing to be over capacity
Moderate	Two to three percent change in population, causing the existing capacities of one or more community service or available housing to reach capacity
Minor	Less than one percent change in population. Change in population would increase demand on community services and decrease housing vacancy, but all would continue to operate below capacity
<u>Duration</u>	
Long Term	Beyond the life of the project
Medium Term (limited or intermittent)	Between two years up to the life of the project.
Short Term	Less than two years, or the duration of the construction phase
<u>Extent</u>	
Large	Regional, State, or national
Medium (localized)	Entire county or Region of Influence
Small (limited)	Town, city, or census-designated place
<u>Likelihood</u>	
Probable	Greater than 50 percent chance of occurrence based on population trends, current infrastructure, and capacities
Possible	5 to 50 percent chance of occurrence based on population trends, current infrastructure, and capacities
Unlikely	Less than five percent chance of occurrence based on population trends, current infrastructure, and capacities

IMPACT: CHANGES IN LABOR INCOME, ECONOMIC ACTIVITY, AND EMPLOYMENT

Term	Definition
<u>Magnitude</u>	
Major	Greater than ten percent change in labor income and/or economic activity within county. Greater than three percent change in annual employment within the county
Moderate	Between five to ten percent change in labor income or economic activity within county. Between two to three percent change in annual employment within the county
Minor	Less than five percent change in labor income or economic activity within county. Less than two percent change in annual employment within the county
<u>Duration</u>	
Long Term	Salaries and wages from direct jobs spent and re-invested in the county beyond the life of the project. Jobs are created and filled locally for the duration of the project; economic activity continues beyond the life of the project
Medium Term	Salaries and wages from direct jobs spent in the county and jobs are created and filled locally for the life of the project
Short Term	Spending of wages and salaries is localized and temporary and construction jobs are created and filled locally for a period of less than two years (or duration of the construction phase)
<u>Extent</u>	
Large	Change in labor income and economic activity affects surrounding counties up to entire State. Direct, indirect, and induced jobs created and filled in county and surrounding counties, with some indirect and induced jobs in the State
Medium (localized)	Change in labor income and economic activity affects entire county. Direct, indirect, and induced jobs created and filled in county with spillover in surrounding counties
Small (limited)	Change in labor income affects a portion of the county. Impact of jobs limited to county
<u>Likelihood</u>	
Probable	Greater than 50 percent chance of occurrence based on economic theory, historical trends, and statistics.
Possible	Between 5 to 50 percent chance of occurrence based on economic theory, historical trends, and statistics.

EIS SIGNIFICANCE CRITERIA

Unlikely	Less than five percent chance of occurrence based on economic theory, historical trends and statistics.
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IMPACT: ENVIRONMENTAL JUSTICE

Term	Definition
<u>Magnitude</u>	
Major	Disproportionately high environmental impact, which affects an entire minority and low income community as well as pollution to fish/wildlife for subsistence consumption
Minor	A disproportionate environmental impact, which affects a portion of a minority or low income community
<u>Duration</u>	
Long Term	Throughout the life of the project construction and operation
Medium Term (limited or intermittent)	Temporarily (from two to six months)
Short Term	Isolated incident or less than two months
<u>Extent</u>	
Large	100 percent of the impact is experienced by minority or low income populations
Medium (localized)	75 percent of the impact is experienced by minority or low income populations
Small (limited)	60 percent of the impact is experienced by minority or low income populations
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions.

Sources: Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations

Council on Environmental Quality: Environmental Justice, Guidance Under the National Environmental Policy Act

IMPACT: HUMAN HEALTH AND SAFETY

Term	Definition
<u>Magnitude</u>	
Major	Catastrophic event resulting in loss of life, severe injuries requiring hospitalization, major property damage, or loss
Moderate	Event resulting in moderate injuries, which may require hospitalization, moderate property damage, or loss
Minor	Event resulting in minor injuries, which do not require hospitalization, minor property damage, or loss
<u>Duration</u>	
Long Term	>Ten years to return to normal
Medium Term (limited or intermittent)	One to ten years to return to normal
Short Term	<One year to return to normal
<u>Extent</u>	
Large	Extending outside buffer zone into region, State, or nation
Medium(localized)	Confined to within buffer zone into region, State, or nation
Small(limited)	Confined to site or individual facility on site
<u>Likelihood</u>	
Probable	Occurs under typical operating conditions
Possible	Occurs under worst-case operating conditions
Unlikely	Occurs under upset/malfunction conditions

IMPACT: UTILITIES AND INFRASTRUCTURE

Term	Definition		
<u>Magnitude</u>			
Major	Exceeds capacity of existing systems or services		
Moderate	Approaches capacity of existing systems or services		
Minor	Below capacity of existing systems or services		
<u>Duration</u>	<u>Power and Water Supply, Sewage Treatment</u> (Continuous or intermittent)	<u>Solid Waste Management</u>	<u>On-Mine Facilities</u>
Long Term	Longer than 24 hours	Longer than 14 days	Beyond life of mine and reclamation period
Medium Term	8 to 24 hours	7 to 14 days	Throughout life of mine and reclamation period
Short Term	Less than eight hours	Less than seven days	Throughout life of mine
<u>Extent</u>			
Large	Effect over entire region including Truth or Consequences and Williamsburg		
Medium (localized)	Effect over local area including town of Hillsboro		
Small (limited)	Effect within permit boundary		
<u>Likelihood</u>			
Probable	Occurs under typical operating conditions		
Possible	Occurs under worst-case operating conditions		
Unlikely	Occurs under upset/malfunction conditions		

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APPENDIX B

AIR SUPPORTING DOCUMENTATION

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APPENDIX B: AIR SUPPORTING DOCUMENTATION

Table B-1. Uncontrolled Emissions for 25,000 tpd Operating Scenario							
Unit ID	Unit Description	TSP		PM₁₀		PM_{2.5}	
		lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
S1	Drilling – Open Pit	5.4	19	2.8	9.9	0.57	2.0
S2	Blasting – Open Pit	54	7.8	28	1.2	1.6	0.068
S3	Prill Silo Loading	0.88	0.064	0.42	0.030	0.063	0.0046
S4	Truck Loading - Open Pit	10	44	4.7	21	0.72	3.1
S5	Bulldozer – Open Pit	21	41	4.5	8.9	2.2	4.3
S6	Raw Ore Unloading to Surge Bin	6.1	27	2.9	13	0.44	1.9
S7	Drop from Surge Bin to Apron Feeder	3.1	14	1.1	5.0	0.18	0.78
S10	Stacker Conveyor Drop to Course Ore Storage Pile	6.1	27	2.9	13	0.44	1.9
S11	Bulldozer Maintenance of Course Ore Storage Pile	21	30	4.5	6.5	2.2	3.2
S12	Course Ore Storage Pile Drop to Reclaimer	6.1	27	2.9	13	0.44	1.9
S13	Reclaimer Drop to Reclaim Conveyor	6.1	27	2.9	13	0.44	1.9
S14	Reclaim Conveyor Drop to Wet Mill	6.1	27	2.9	13	0.44	1.9
S15	Lime Silo Loading	18	3.9	12	2.5	0.90	0.20
S16	Drop to Molybdenum Storage Pile	0.00071	0.0031	0.00034	0.0015	0.000051	0.00022
S18	Drop to Copper Concentrate Storage Pile	0.011	0.048	0.0052	0.023	0.00079	0.0035
S19	Product Loading Trucks Molybdenum	0.00071	0.0031	0.00034	0.0015	0.000051	0.00022
S20	Product Loading Trucks Copper Concentrate	0.011	0.048	0.0052	0.023	0.00079	0.0035
S21	Truck Unloading Low Grade Ore Stockpile	0.18	0.78	0.084	0.37	0.013	0.056
S22	Bulldozer Low Grade Ore Stockpile Area	21	20	4.5	4.3	2.2	2.1
S23	Truck Unloading Waste Dump Stockpile	3.8	17	1.8	7.8	0.27	1.2
S24	Bulldozer Waste Dump Stockpile Area	21	30	4.5	6.5	2.2	3.2
S25	Bulldozer Tailings Dam Area	2.9	4.2	0.54	0.78	0.30	0.44
S26	Scraper Loading Tailings Area	1.3	5.7	0.61	2.7	0.092	0.41
S27	Scraper Unloading Tailings Area	0.15	0.65	0.070	0.31	0.011	0.047
S28	Scraper Travel Mode	8.4	31	2.7	10	0.27	1.0
S29	Truck Traffic Mine Trucks/Light Vehicles	1246	4559	355	1300	36	130
S30	Truck Traffic Product/Chemical Delivery Trucks	18	67	4.7	17	0.47	1.7
S31	Grader – Road Maintenance	11	28	3.8	9.6	0.35	0.87
S32	Wind Erosion Course Ore Pile	0.25	1.1	0.12	0.54	0.018	0.081
S33	Wind Erosion Open Pit Area	3.2	14	1.6	7.0	0.24	1.0
S34	Wind Erosion Low Grade Ore Stockpile Area	1.3	5.6	0.64	2.8	0.10	0.42
S35	Wind Erosion Waste Dump Stockpile Area	3.9	17	2.0	8.6	0.30	1.3
S36	Wind Erosion Tailings Area	3.3	14	1.6	7.2	0.25	1.1
Uncontrolled Facility Totals		1518	5145	460	1519	54	170

Source: NMED, 2014.

Note: All NO_x, CO, SO₂ and VOC Emissions come from the open pit blasting (S2)

Table B-2. Controlled Emissions for 25,000 tpd Operating Scenario							
Unit ID	Unit Description	TSP		PM₁₀		PM_{2.5}	
		lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
S1	Drilling – Open Pit	5.4	19	2.8	9.9	0.57	2.0
S2	Blasting – Open Pit	54	2.3	28	1.2	1.6	0.068
S3	Prill Silo Loading	0.88	0.064	0.42	0.030	0.063	0.0046
S4	Truck Loading - Open Pit	10	44	4.7	21	0.72	3.1
S5	Bulldozer – Open Pit	21	41	4.5	8.9	2.2	4.3
S6	Raw Ore Unloading to Surge Bin	1.5	6.7	0.72	3.2	0.11	0.48
S7	Drop from Surge Bin to Apron Feeder	1.0	4.5	1.0	4.5	1.0	4.5
S10	Stacker Conveyor Drop to Course Ore Storage Pile	1.5	6.7	0.72	3.2	0.11	0.48
S11	Bulldozer Maintenance of Course Ore Storage Pile	15	21	3.1	4.5	1.5	2.2
S12	Course Ore Storage Pile Drop to Reclaimer	1.0	4.5	1.0	4.5	1.0	4.5
S14	Reclaim Conveyor Drop to Wet Mill	0.23	1.0	0.11	0.47	0.016	0.072
S15	Lime Silo Loading	0.043	0.0094	0.043	0.0094	0.043	0.0094
S16	Drop to Molybdenum Storage Pile	1.0	4.5	1.0	4.5	1.0	4.5
S18	Drop to Copper Concentrate Storage Pile	0.0017	0.0072	0.00078	0.0034	0.00012	0.00052
S20	Product Loading Trucks Copper Concentrate	0.0033	0.014	0.0016	0.0069	0.00024	0.0010
S21	Truck Unloading Low Grade Ore Stockpile	0.18	0.78	0.084	0.37	0.013	0.056
S22	Bulldozer Low Grade Ore Stockpile Area	21	20	4.5	4.3	2.2	2.1
S23	Truck Unloading Waste Dump Stockpile	3.8	17	1.8	7.8	0.27	1.2
S24	Bulldozer Waste Dump Stockpile Area	21	30	4.5	6.5	2.2	3.2
S25	Bulldozer Tailings Dam Area	2.9	4.2	0.54	0.78	0.30	0.44
S26	Scraper Loading Tailings Area	1.3	5.7	0.61	2.7	0.092	0.41
S27	Scraper Unloading Tailings Area	0.15	0.65	0.070	0.31	0.011	0.047
S28	Scraper Travel Mode	3.3	12	1.1	4.0	0.11	0.40
S29	Truck Traffic Mine Trucks/Light Vehicles	87	319	25	91	2.5	9.1
S30	Truck Traffic Product/Chemical Delivery Trucks	3.7	13	0.95	3.5	0.095	0.35
S31	Grader – Road Maintenance	11	28	3.8	9.6	0.35	0.87
S32	Wind Erosion Course Ore Pile	0.25	1.1	0.12	0.54	0.018	0.081
S33	Wind Erosion Open Pit Area	3.2	14	1.6	7.0	0.24	1.0
S34	Wind Erosion Low Grade Ore Stockpile Area	1.3	5.6	0.64	2.8	0.10	0.42
S35	Wind Erosion Waste Dump Stockpile Area	3.9	17	2.0	8.6	0.30	1.3
S36	Wind Erosion Tailings Area	3.3	14	1.6	7.2	0.25	1.1
Allowable Facility Totals		279	657	97	222	19	48

Source: NMED, 2014.

Note: All NO_x, CO, SO₂ and VOC Emissions come from the open pit blasting (S2)

**DISPERSION MODEL REPORT
FOR THEMAC RESOURCES
NEW MEXICO COPPER CORPORATION'S
COPPER FLAT MINE
NSR PERMIT APPLICATION
Hillsboro, New Mexico**

PREPARED FOR



Dated February 22, 2013

Prepared by

Paul Wade, Class One Technical Services, Inc.



CONTENTS

TABLE OF CONTENTS	PAGE
1.0 INTRODUCTION.....	1
1.1 PERMIT APPLICATION COPPER FLAT MINE PROCESS DESCRIPTION	1
1.2 MODEL SUMMARY RESULTS.....	7
2.0 SIGNIFICANT MONITORING AIR QUALITY IMPACT ANALYSIS.....	9
2.1 DISPERSION MODEL SELECTION.....	11
2.2 BUILDING WAKE EFFECTS.....	11
2.3 METEOROLOGICAL DATA.....	12
2.4 RECEPTORS AND TOPOGRAPHY.....	12
2.5 MODELED EMISSION SOURCES INPUTS	14
2.6 PARTICLE SIZE DISTRIBUTION	21
2.7 REGIONAL BACKGROUND CONCENTRATIONS	24
3.0 DISPERSION MODELING RESULTS.....	25
3.1 SIGNIFICANT IMPACT AREA.....	25
3.1.1 PM Significant Impact Area	25
3.1.2 PM _{2.5} Significant Impact Area.....	25
3.1.3 NO _x Significant Impact Area.....	25
3.1.4 CO Significant Impact Area.....	25
3.1.5 SO ₂ Significant Impact Area.....	26
3.2 REFINED DISPERSION MODELING	35
3.2.1 CO Refined Modeling Analysis.....	35
3.2.2 SO ₂ Refined Modeling Analysis	38
3.2.3 NO _x Refined Modeling Analysis	41
3.2.4 PM _{2.5} Refined Modeling Analysis.....	46
3.2.5 PM ₁₀ Refined Modeling Analysis	52
3.2.6 TSP Refined Modeling Analysis	55
3.3 CLASS 1 AND 2 INCREMENT CONSUMPTION ANALYSIS.....	63
3.3.1 NO ₂ PSD Class I Increment Modeling Analysis.....	63
3.3.2 NO ₂ PSD Class II Increment Modeling Analysis	65
3.3.3 PM ₁₀ PSD Class I Increment Modeling Analysis.....	68
3.3.4 PM ₁₀ PSD Class II Increment Modeling Analysis	71
4.0 REFERENCES.....	76

TABLES OF TABLES	PAGE
TABLE 1 Summary of Air Dispersion Modeling Results for Blasting Combustion Emissions.....	7
TABLE 2 Summary of Air Dispersion Modeling Results for Particulate Emitting Sources	8
TABLE 3 Summary of Air Dispersion Modeling Results for PSD Increment Analysis.....	8
TABLE 4 National and New Mexico Ambient Air Quality Standards	10
TABLE 5 Standards for which Modeling is not Required	10
TABLE 6 Point Source Model Inputs.....	17
TABLE 7 Arcapoly Source Model Inputs	18
TABLE 8 Plant-Wide Controlled Particulate Emission Rates	19
TABLE 9 Plant-Wide NO _x , CO, SO ₂ Emission Rates	20
TABLE 10 Aggregate Handling Fugitive Source Depletion Parameters	22
TABLE 11 Unpaved Road Vehicle Fugitive Dust Depletion Parameters.....	22
TABLE 12 Fugitive Dust Collector Depletion Parameters	22
TABLE 13 Lime Silo Dust Collector Depletion Parameters.....	23
TABLE 14 Maximum Modeled CO Impacts.....	35
TABLE 15 Maximum Modeled SO ₂ Impacts	38
TABLE 16 Maximum Modeled NO _x Impacts	41
TABLE 17 Maximum Modeled PM _{2.5} Impacts	47
TABLE 18 Maximum Modeled PM ₁₀ Impacts	52
TABLE 19 Maximum Modeled TSP Impacts	56
TABLE 20 Maximum Modeled NO ₂ Class I Increment Impacts	63
TABLE 21 Maximum Modeled NO ₂ Class II Increment Impacts	65
TABLE 22 Maximum Modeled PM ₁₀ Class I Increment Impacts	68
TABLE 23 Maximum Modeled PM ₁₀ Class II Increment Impacts.....	71

TABLES OF FIGURES	PAGE
FIGURE 1 NMCC Copper Flat Mine Site – Overview	4
FIGURE 2 NMCC Copper Flat Mine Site Layout	5
FIGURE 3 NMCC Copper Flat Mine Site Process Flow	6
FIGURE 4 Wind Rose from Copper Flat Mine Site 10 Meter Meteorological Data 2011	13
FIGURE 5 Isopleth of Copper Flat Mine's PM ROI Model Results – 24 Hour	27
FIGURE 6 Isopleth of Copper Flat Mine's PM ROI Model Results – Annual	28
FIGURE 7 Isopleth of Copper Flat Mine's PM _{2.5} ROI Model Results – 24 Hour	29
FIGURE 8 Isopleth of Copper Flat Mine's PM _{2.5} ROI Model Results – Annual	30
FIGURE 9 Isopleth of Copper Flat Mine's NO _x ROI Model Results – 24 Hour	31
FIGURE 10 Isopleth of Copper Flat Mine's NO _x ROI Model Results – Annual	32
FIGURE 11 Isopleth of Copper Flat Mine's CO ROI Model Results – 1 Hour	33
FIGURE 12 Isopleth of Copper Flat Mine's SO ₂ ROI Model Results – 3 Hour	34
FIGURE 13 Isopleth of Copper Flat Mine's CO Refined Model Results – 1 Hour	36
FIGURE 14 Copper Flat Mine's CO Concentration Model Results – 1 Hour	37
FIGURE 15 Isopleth of Copper Flat Mine's SO ₂ Refined Model Results – 3 Hour	39
FIGURE 16 Copper Flat Mine's SO ₂ Concentration Model Results – 3 Hour	40
FIGURE 17 Isopleth of Copper Flat Mine's NO _x Refined Model Results – 24 Hour	42
FIGURE 18 Copper Flat Mine's NO _x Concentration Model Results – 24 Hour	43
FIGURE 19 Isopleth of Copper Flat Mine's NO _x Refined Model Results – Annual	44
FIGURE 20 Copper Flat Mine's NO _x Concentration Model Results – Annual	45
FIGURE 21 Isopleth of Copper Flat Mine's PM _{2.5} Refined Model Results – 24 Hour	48
FIGURE 22 Copper Flat Mine's PM _{2.5} Concentration Model Results – 24 Hour	49
FIGURE 23 Isopleth of Copper Flat Mine's PM _{2.5} Refined Model Results – Annual	50
FIGURE 24 Copper Flat Mine's PM _{2.5} Concentration Model Results – Annual	51
FIGURE 25 Isopleth of Copper Flat Mine's PM ₁₀ Refined Model Results – 24 Hour	53
FIGURE 26 Copper Flat Mine's PM ₁₀ Concentration Model Results – 24 Hour	54
FIGURE 27 Isopleth of Copper Flat Mine's TSP Refined Model Results – 24 Hour	57
FIGURE 28 Copper Flat Mine's TSP Concentration Model Results – 24 Hour	58
FIGURE 29 Isopleth of Copper Flat Mine's TSP Refined Model Results – Monthly	59
FIGURE 30 Copper Flat Mine's TSP Concentration Model Results – Monthly	60
FIGURE 31 Isopleth of Copper Flat Mine's TSP Refined Model Results – Annual	61
FIGURE 32 Copper Flat Mine's TSP Concentration Model Results – Annual	62
FIGURE 33 Copper Flat Mine NO ₂ Class I Increment Model Results - Annual	64
FIGURE 34 Isopleth of Copper Flat Mine's NO ₂ Class II Increment Model Results – Annual	66
FIGURE 35 Copper Flat Mine NO ₂ Class II Increment Model Results - Annual	67
FIGURE 36 Copper Flat Mine PM ₁₀ Class I Increment Model Results – 24 Hour	69
FIGURE 37 Copper Flat Mine PM ₁₀ Class I Increment Model Results – Annual	70
FIGURE 38 Isopleth of Copper Flat Mine's PM ₁₀ Class II Increment Model Results – 24 Hour	72
FIGURE 39 Copper Flat Mine PM ₁₀ Class II Increment Model Results – 24 Hour	73
FIGURE 40 Isopleth of Copper Flat Mine's PM ₁₀ Class II Increment Model Results – Annual	74
FIGURE 41 Copper Flat Mine PM ₁₀ Class II Increment Model Results - Annual	75

NMCC – Copper Flat Mine – Dispersion Model Report

1.0 INTRODUCTION

This document presents a report for the Dispersion Model Analysis that was completed by Class One Technical Services, Inc. (CTS) on behalf of New Mexico Copper Corporation (NMCC), a wholly owned subsidiary of THEMAC Resources Group Limited (THEMAC), to determine compliance of ambient air quality impacts from NMCC's Copper Flat Mine as part of that stationary source's 20.2.72 NMAC construction permit application. The objective of this modeling evaluation was to predict if a worst-case maximum operation of Copper Flat Mine resulted in ambient air concentrations of nitrogen dioxide (NO_x), carbon monoxide (CO), sulfur dioxide (SO₂), and particulate matter, i.e., total suspended particles (TSP), and both 10 microns or less (PM₁₀) and 2.5 microns or less (PM_{2.5}), were below New Mexico and federal ambient air quality standards, NMAAQs and NAAQS respectively, and PSD NO_x and PM₁₀ Class I and II Increment.

1.1 PERMIT APPLICATION COPPER FLAT MINE PROCESS DESCRIPTION

The Copper Flat Mine is a copper/molybdenum porphyry deposit located in the Las Animas Mining District in South Central New Mexico, in Sierra County. The center of the mineralization is at approximately UTM coordinates 263,150 easting, 3,650,750 northing, Zone 13, NAD 83. The project is approximately 150 miles south of Albuquerque, New Mexico, approximately 20 miles southwest of Truth or Consequences, New Mexico, and approximately 3.8 miles northeast of Hillsboro, New Mexico. Access to Copper Flat Mine from Truth or Consequences is by 24 miles of paved highway and 3 miles of all-weather gravel road. The mine will consist of an open pit mine; a 25,000-ton per day crushing circuit; coarse ore storage pile and reclaimer; a 25,000-ton per day flotation mill and concentrator plant; and waste ore and mill tailings operations.

The Copper Flat Mine was originally developed in the 1970's by Quintana Mineral Corporation. Quintana Mineral Corporation applied for and received Air Quality Permit #0365. In 1982, operating under Air Quality Permit #0365-M1, the Copper Flat Partnership, Ltd. developed and operated the Project, which consisted of an open pit copper mine, a 15,000-ton per day flotation mill, and a 515-acre tailings impoundment. The Copper Flat Mine officially commenced full commercial production in April, 1982. In July 1982 the mine was shut down due to low copper prices and other economic considerations. In 1986 all on-site surface facilities were removed and a BLM approved program of non-destructive reclamation was carried out. Most of the property's infrastructure, including building foundations, power lines and water pipelines were preserved for reuse in the future in the event copper prices recovered sufficiently to make re-establishing the Project economically viable. In April of 1995, Alta Gold Company applied for a revision to Air Quality Permit #0365-M1. However, Alta Gold Company declared bankruptcy in early 1999. Air quality permit #0365-M1 was closed in 2002 due to inactivity.

NMCC is proposing to reopen the Copper Flat Project open pit mine to operate 24 hours per day, seven days per week, and 365 days per year. The mining of new ore would entail expansion of the existing open pit. A portion of the ore body at the Copper Flat Mine is exposed at the surface and would be mined by conventional truck and shovel open pit methods in a manner similar to the

NMCC – Copper Flat Mine – Dispersion Model Report

previous operation. An operational life of the mine is projected to be approximately 11 years. Over the life of the Project, approximately 159 million tons of material would be mined. The annual average operation would mine an estimated 15.3 million tons of material per year over years one through 10. Approximately 1.7 million tons would be produced in pre-production and 4.7 million tons in year 11. The crushing operation would process an average 9.1 million tons of ore per year from years 1 through ten and between 4.0 million and 7.0 million tons in year 11 depending when the low grade ore is milled. Waste rock production is estimated to average 5.7 million tons per year or 60.7 million tons over the life of the mine. Approximately 3.0 million tons total of low grade ore would be mined in years one through three, with the majority of that, 2.5 million tons, being mined in year two. The low grade copper ore would likely be processed during operations as blend material and/or at the end of the mine life, depending on economic conditions at the time. As such, it would require stockpiling until such time as it is suitable for processing.

Copper Flat Mine is a source of particulate matter, nitrogen dioxide, carbon monoxide, and sulfur dioxide emissions. Nitrogen dioxide, carbon monoxide, and sulfur dioxide emissions occur during blasting in the open pit mine. Blasting operations will occur mostly during afternoon hours, for an estimated 290 blasts per year. Since the blasts will occur instantaneously with no schedule other than daylight/afternoon hours, modeling was performed for 1 hour per day of blasting emissions for nitrogen dioxide, carbon monoxide, and sulfur dioxide. Modeling of CO 1 hour was performed for all afternoon daylight hours to find the highest 1 hour impact from blasting. This same hour was then used in CO 8 hour, NO_x, and SO₂ modeling. The CO 1 hour modeling found the highest 1 hour concentrations occurred in Hour 17 (4 PM).

The Copper Flat Project is designed to control particulate emissions to meet all regulatory standards. As per NMED regulations, the project air quality construction permit must be authorized by the NMED prior to the project commencing. Committed air quality practices would include dust control for mine unit operations. In general, the fugitive dust control program would provide for water application on haul roads and other disturbed areas; chemical dust suppressant application (such as magnesium chloride) where appropriate; and other dust control measures as per accepted and reasonable industry practice. Also, disturbed areas would be seeded with an interim seed mix to minimize fugitive dust emissions from un-vegetated surfaces where appropriate. Fugitive emissions in the process area would be controlled at the crusher, stockpile reclaimer, and conveyor drop points through the use of fugitive dust collectors. Other process areas requiring dust and/or emission controls include the concentrate drying and packaging circuit and the various process plants. Appropriate emission control equipment would be installed and operated in accordance with the air quality construction permit. The lime storage would be fitted with a dust collector for capture of fugitive dust during loading of the lime silo.

An existing Tailing Storage Facility at Copper Flat was constructed by Quintana Minerals to serve their 1982 mining operation. The facility received 1.2 million tons of material and was essentially reclaimed in 1986. The tailings impoundment remains in place and is located southeast of the former plant site. NMCC proposes to construct a new lined Tailing Storage Facility (TSF) over the

NMCC – Copper Flat Mine – Dispersion Model Report

area used by previous operations for tailing disposal. Tailing would be transported from the mill via slurry pipeline and deposited in the new facility. Approximately 100 million tons of tailings are expected to be impounded over the life of the project.

Tailing from the bulk rougher flotation process will be transported to the TSF where hydrocyclones will be used to produce sands to build the centerline TSF dam. The cyclone overflow will be deposited to the interior of the impoundment to produce a supernatant water pond used to reclaim water from the tailing for reuse in the milling process. During TSF dam construction, bulldozers and compactors will be used to compact the sands used in the dam. For years 1 through 4 of mining operations, topsoil will be removed from the tailing area and stockpiled in a borrow pile located southwest of the tailing area. This process will be performed by scrapers. Scraper travel routes between the tailing area and the borrow pile will be controlled with watering.

No gaseous contaminants, with the exception of blasting, are expected to be emitted to the atmosphere from the proposed stationary source operations. Drilling operations would be done wet or with other efficient dust control measures. At a minimum, haul roads, waste rock disposal areas, and ore transfer points would be wetted down on a regular basis to minimize dust emissions. Fugitive SO_2 emissions from ore and the flotation equipment are expected to be small due to the low volatility of the sulfur compounds present in the concentrate.

A significant majority of the modeled particulate matter emissions are from ground-release, fugitive dust sources where the maximum modeled concentrations are seen at the mine boundary. All ground-release, fugitive dust sources were modeled as “flat terrain” sources. The most recent version of AERMOD was used.

Proposed Facility Construction

As part of construction of the proposed facilities, earth moving, grading, and material hauling will have to be performed. These one time activities prior to operation of the mine have not been included as part of the permit application or dispersion modeling analysis.

A modeling protocol was submitted to the New Mexico Environment Department – Air Quality Bureau (NMED AQB) on December 6, 2012. It was approved by David Heath of the NMED AQB Modeling Section on January 31, 2013.

Figure 1 presents the Copper Flat Mine overlaid onto a topographical map showing surrounding terrain. Figure 2 present an aerial view of the layout of Copper Flat Mine showing location of the open-pit, waste and low grade ore stockpile areas, tailing area, crusher location, mill and concentrator location, and mine haul roads in relation to mine boundaries. Figure 3 presents a process flow of the mining operations.

NMCC – Copper Flat Mine – Dispersion Model Report

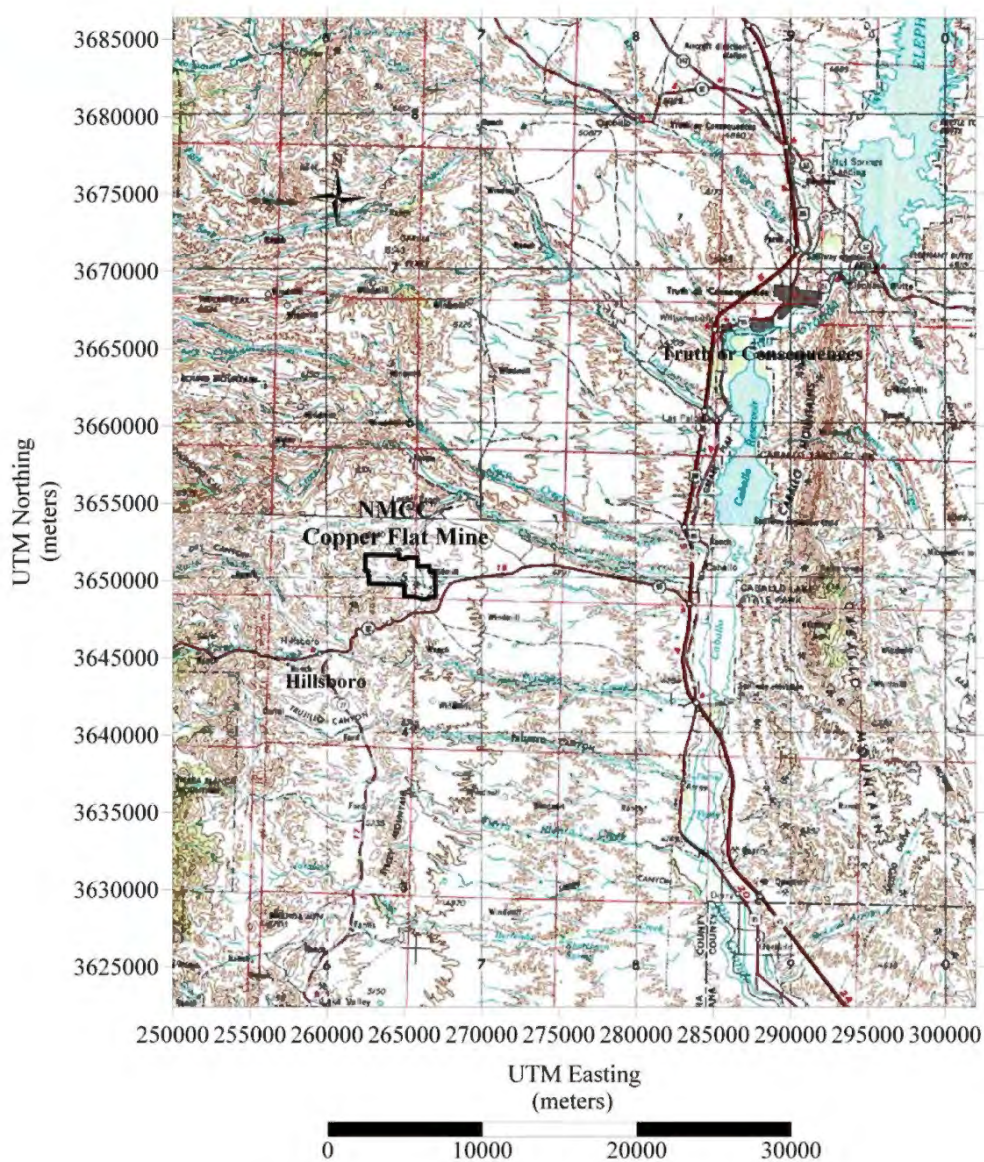


Figure 1: NMCC Copper Flat Mine Site Location

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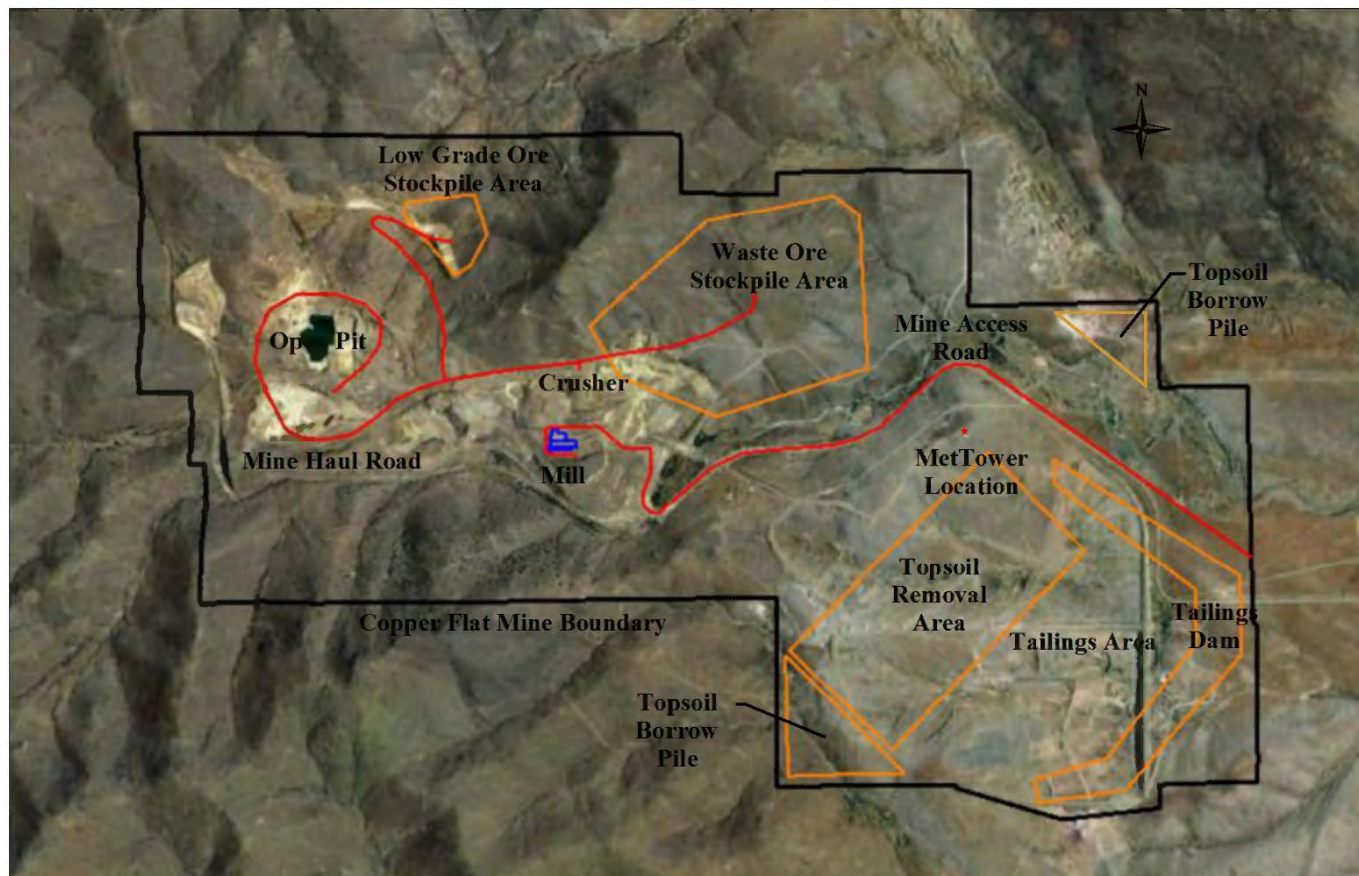


Figure 2: NMCC Copper Flat Mine Site Layout

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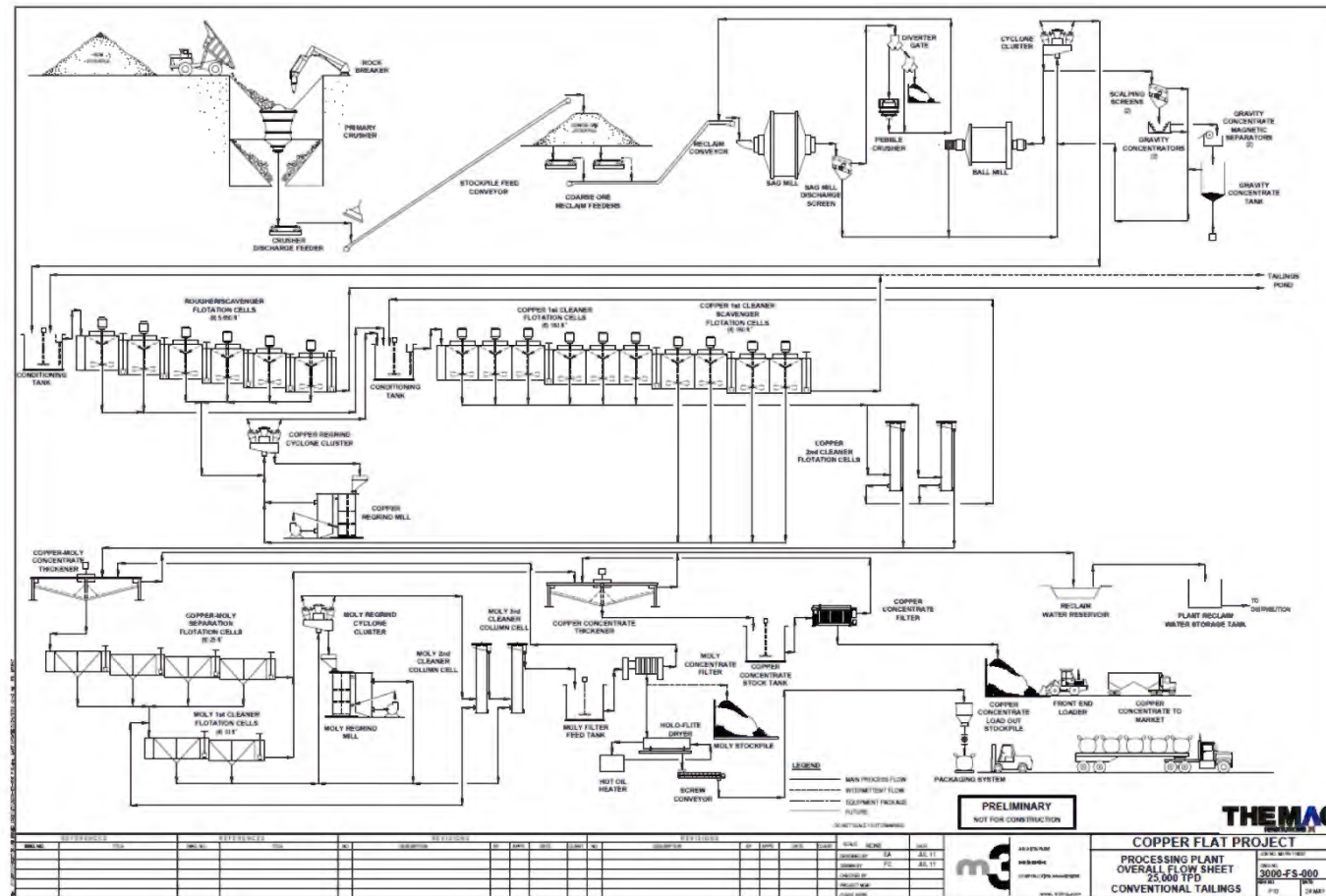


Figure 3: NMCC Copper Flat Mine Site Process Flow

NMCC – Copper Flat Mine – Dispersion Model Report

1.2 MODEL SUMMARY RESULTS

The highest model results for maximum operation of Copper Flat Mine and applicable neighboring sources are summarized below in Tables 1, 2, and 3. No SSM modeling was performed for this facility.

TABLE 1: Summary of Air Dispersion Modeling Results for Blasting Combustion Emissions

Parameter	Maximum Modeled Concentration ($\mu\text{g}/\text{m}^3$)	Significant Impact Level ($\mu\text{g}/\text{m}^3$)	Maximum Modeled Concentration With Background ($\mu\text{g}/\text{m}^3$)	Lowest Applicable Standard ($\mu\text{g}/\text{m}^3$)	% of Standard
CO 1 Hr.	3613	2000	5608	12438	45.1
CO 8 Hr.	452	500	---	---	---
SO ₂ 3 Hr.	36	25	54	1310	4.1
SO ₂ 24 Hr.	4.5	5	---	---	---
SO ₂ Annual	0.14	1	---	---	---
NO _x 24 Hr.	38	5	97	156	62.2
NO _x Annual	1.2	1	9.0	78	11.5

Note: Background concentrations based on “New Mexico Air Pollution Control Bureau, Dispersion Modeling Guidelines”, revised July 29, 2011 and approved modeling protocol. Dispersion modeling inputs and settings are presented in Section 2.

NMCC – Copper Flat Mine – Dispersion Model Report
TABLE 2: Summary of Air Dispersion Modeling Results for Particulate Emitting Sources

Parameter	Maximum Modeled Concentration ($\mu\text{g}/\text{m}^3$)	Significant Impact Level ($\mu\text{g}/\text{m}^3$)	Maximum Modeled Concentration With Background ($\mu\text{g}/\text{m}^3$)	Lowest Applicable Standard ($\mu\text{g}/\text{m}^3$)	% of Standard
PM _{2.5} 24 Hr. High 8 th High	9.8	1.2	18.9	35	54.0
PM _{2.5} Annual	2.4	0.3	7.4	12	61.7
PM ₁₀ 24 Hr. High 2 nd High	29.9	5	49.8	150	33.2
PM ₁₀ Annual	6.8	1	21.2	50	42.4
TSP 24 Hr.	43.0	5	65.4	150	43.6
TSP Monthly	17.7	---	50.1	90	55.7
TSP Annual	9.5	1	28.6	60	47.7

Note: Background concentrations based on “New Mexico Air Pollution Control Bureau, Dispersion Modeling Guidelines”, revised July 29, 2011 and approved modeling protocol. Dispersion modeling inputs and settings are presented in Section 2.

TABLE 3: Summary of Air Dispersion Modeling Results for PSD Increment Analysis

Parameter	Maximum Modeled Concentration ($\mu\text{g}/\text{m}^3$)	PSD Increment ($\mu\text{g}/\text{m}^3$)	% of Standard
PM ₁₀ 24 Hr. Class I Increment	0.12	8	1.5
PM ₁₀ Annual Class I Increment	0.0032	4	0.8
PM ₁₀ 24 Hr. Class II Increment High 2 nd High	29.9	30	99.7
PM ₁₀ Annual Class II Increment	6.8	17	40.0
NO ₂ Annual Class I Increment	0.01	2.5	0.4
NO ₂ Annual Class II Increment	1.2	25	4.8

NMCC – Copper Flat Mine – Dispersion Model Report

2.0 SIGNIFICANT MONITORING AIR QUALITY IMPACT ANALYSIS

This section identifies the technical approach used for Class II federal and State ambient air quality standards, and PSD Class 1 and II Increment analysis for this stationary source. New Mexico Environment Department, Air Quality Bureau requires that all applicable criteria pollutant emissions be modeled using the most recent versions of US EPA's approved models and be compared with National Ambient Air Quality Standards (NAAQS), New Mexico Ambient Air Quality Standards (NMAAQs), and PSD Class I and II Increment. Table 3 shows the NAAQS, NMAAQs, and PSD Class 1 and II Increment (without footnotes) that the source's ambient impacts must meet in order to show compliance. Table 4 also lists the Class II Significant Impact Levels (SILs) which are used to assess whether a source had significant impact at downwind receptors. Table 5 lists modeling standards that were not required to be modeled.

The dispersion modeling analysis was performed to estimate the total particulate concentrations resulting from the operation of the Copper Flat Mine using an hourly emission rates based on a maximum 24 hour emission rate while all sources of emissions are operating. The modeling determined maximum off site concentrations for nitrogen dioxide (NO_x), carbon monoxide (CO), sulfur dioxide (SO₂), Total Suspended Particulate Matter (TSP) and particulate matter with aerodynamic diameter less than 10 micrometers (PM₁₀) and particulate matter with aerodynamic diameter less than 2.5 micrometers (PM_{2.5}), for comparison with modeling significance levels and national/ New Mexico ambient air quality standards (AAQS). The modeling followed the guidance and protocols outlined in the New Mexico Air Quality Bureau "Air Dispersion Modeling Guidelines" (Revised 06/29/11), approved modeling protocol submitted to the NMED AQB, and the most up to date EPA's *Guideline on Air Quality Models*.

During this analysis, all the Copper Flat Mine emission sources were modeled together to determine reasonable worst-case impacts from the facility. Pollutant emissions modeled came from point sources (stacks), volume sources (fugitive), open-pit sources (fugitive), and areapoly sources (fugitive).

NMCC – Copper Flat Mine – Dispersion Model Report**TABLE 4: Air Quality Standard Summary**

Pollutant	Avg. Period	Sig. Lev. ($\mu\text{g}/\text{m}^3$)	Class I Sig. Lev. ($\mu\text{g}/\text{m}^3$)	NAAQS	NMAAQS	PSD Increment Class I	PSD Increment Class II
CO	8-hour	500		9,000 ppb	8,700 ppb		
	1-hour	2,000		35,000 ppb	13,100 ppb		
NO ₂	annual	1.0	0.1	99.67 $\mu\text{g}/\text{m}^3$	50 ppb	2.5 $\mu\text{g}/\text{m}^3$	25 $\mu\text{g}/\text{m}^3$
	24-hour	5.0			100 ppb		
	1-hour	7.54		188.06 $\mu\text{g}/\text{m}^3$			
PM _{2.5}	annual	0.3		15 $\mu\text{g}/\text{m}^3$			
	24-hour	1.2		35 $\mu\text{g}/\text{m}^3$			
PM ₁₀	annual	1.0	0.2			4 $\mu\text{g}/\text{m}^3$	17 $\mu\text{g}/\text{m}^3$
	24-hour	5.0	0.3	150 $\mu\text{g}/\text{m}^3$		8 $\mu\text{g}/\text{m}^3$	30 $\mu\text{g}/\text{m}^3$
TSP	7-day				110 $\mu\text{g}/\text{m}^3$		
	30-day				90 $\mu\text{g}/\text{m}^3$		
	annual	1.0			60 $\mu\text{g}/\text{m}^3$		
	24-hour	5.0			150 $\mu\text{g}/\text{m}^3$		
SO ₂	annual	1.0	0.1		20 ppb		
	24-hour	5.0	0.2		100 ppb		
	3-hour	25.0	1.0	1309 $\mu\text{g}/\text{m}^3$			
	1-hour	7.8		196.4 $\mu\text{g}/\text{m}^3$			

TABLE 5: Standards for which Modeling is not Required

Standard not Modeled	Surrogate that Demonstrates Compliance
CO 8-hour NAAQS	CO 8-hour NMAAQS
CO 1-hour NAAQS	CO 1-hour NMAAQS
NO ₂ annual NAAQS	NO ₂ annual NMAAQS
TSP 7-day NMAAQS	TSP 24-hour NMAAQS

NMCC – Copper Flat Mine – Dispersion Model Report

2.1 DISPERSION MODEL SELECTION

The dispersion modeling was conducted using the American Meteorological Society/Environmental Protection Agency Regulatory Model Improvement Committee Dispersion Model (AERMOD), Version 12345. This model is recommended by EPA for determining Class II impacts within 50 km of the source being assessed. Additionally, AERMOD was developed to handle complex terrain and building downwash. In this analysis, AERMOD was used to estimate pollutant ambient air concentrations of NO_x, CO, SO₂, TSP, PM₁₀, and PM_{2.5} from NMCC Copper Flat Mine emission sources.

AERMOD is a Gaussian plume dispersion model that is based on planetary boundary layer principles for characterizing atmospheric stability. The model evaluates the non-Gaussian vertical behavior of plumes during convective conditions with the probability density function and the superposition of several Gaussian plumes. AERMOD modeling system has three components: AERMAP, AERMET, and AERMOD. AERMAP is the terrain preprocessor program. AERMET is the meteorological data preprocessor. AERMOD includes the dispersion modeling algorithms and was developed to handle simple and complex terrain issues using improved algorithms. AERMOD uses the dividing streamline concept to address plume interactions with elevated terrain.

AERMOD was run using all the regulatory default options including use of stack-tip downwash, buoyancy-induced dispersion, calms processing routines, upper-bound downwash concentrations for super-squat buildings, default wind speed profile exponents, vertical potential temperature gradients, and no use of gradual plume rise. Modeling beta options used in the modeling analysis included modeling selected ground release sources as “Flat” for terrain modeling. Modeling beta options used in the modeling analysis also included modeling rain caps or horizontal releases for point sources, were applicable. The model incorporated local terrain into the calculations with the exception of PSD Class I modeling analysis. For PSD Class I modeling, a majority of the sources are ground release sources where complex terrain impact will have little effect to the distance of the Class I area.

2.2 BUILDING WAKE EFFECTS

The NMCC Copper Flat facility includes several buildings. The buildings’ dimensions were input into the dispersion model to assess the potential for downwash effects on emissions from nearby point sources. The direction-specific downwash parameters were calculated using BPIPPRM software, which is the Prime building downwash program associated with the AERMOD model. Output from BPIPPRM was incorporated into the AERMOD modeling input files.

NMCC – Copper Flat Mine – Dispersion Model Report

2.3 METEOROLOGICAL DATA

Meteorological data collected at the NMCC's Copper Flat Mine meteorological tower (2011 – 2012) was used for the modeling analysis. NMCC's Copper Flat Mine meteorological tower is located on-site and the meteorological data collected is representative of the model area. Figure 4 shows a wind rose diagram of the meteorological tower's wind speed versus wind direction data that have been collected for the year 2011 for 10 meter. The meteorological tower data is processed using AERMET, upper air data from Santa Teresa, New Mexico and surface air data from T or C Airport near T or C, New Mexico for the same time period. Since the meteorological tower's onsite temperature is collected at two levels, the Bulk Richardson method was used in determining stability parameters. Following the new AERMET documentation on Low Wind conditions for low release sources, the Low Wind (non-Default) option was selected during meteorological processing. Meteorological tower instrumentation, procedures and audit results are contained in separate reports that were submitted along with the modeling protocol.

2.4 RECEPTORS AND TOPOGRAPHY

Modeling was completed using as many receptor locations to ensure that the maximum estimated impacts are identified. Following EPA guidelines, receptor locations were identified with sufficient density and spatial coverage to isolate the area with the highest impacts out to the pollutant significant impact levels (SIL).

The refined receptor grid includes receptors located 100 meters apart out to 500 meters from the property line, 250 meters out to 3000 meters, 500 meters out to 5000 meters, 1000 meters out to 20000 meters, and then 2500 out to the pollutant ROI. Fenceline receptor spacing was 50 meters.

All refined model receptors were preprocessed using the AERMAP software associated with AERMOD. The AERMAP software establishes a base elevation and a height scale for each receptor location. The height scale is a measure of the receptor's location and base elevation and its relation to the terrain feature that has the greatest influence in dispersion for that receptor. AERMAP was run using U.S. Geological Survey (USGS) digital elevation model (DEM) data. This modeling analysis will use 7.5-minute DEM 10 meter resolution data to give a detailed characterization of the terrain throughout the region. Output from AERMAP was used as input to the AERMOD runstream file for each model run. For fugitive sources of particulate (Volume, Open-Pit sources, and AreaPoly sources), the model was run using the "FLAT" source mode option.

NMCC – Copper Flat Mine – Dispersion Model Report

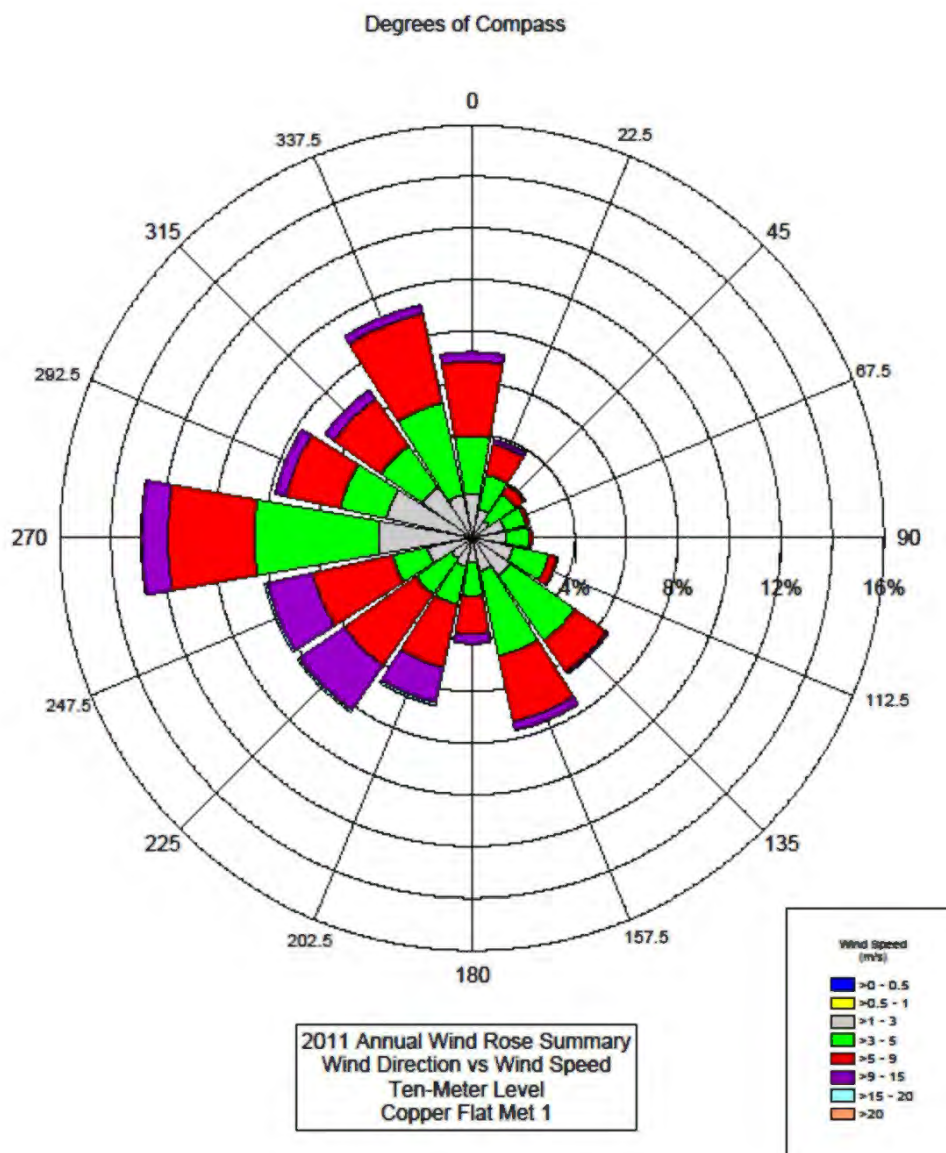


Figure 4: Wind Rose 10 Meter NMCC Meteorological Data Year 2011

NMCC – Copper Flat Mine – Dispersion Model Report

2.5 MODELED EMISSION SOURCES INPUTS

Emissions of TSP, PM₁₀, and PM_{2.5} were estimated using AP-42 Section 13.2.4 for material handling fugitive emissions (some sources with enclosures and water spray controls), AP-42 Section 11.19.2 for ore crushing and conveying emissions with a dust control collector baghouse or water spray controls, AP-42 Section 13.2.2 for unpaved road fugitive emissions, AP-42 Section 11.9 for bulldozer, scraper, and road grader fugitive emissions,¹ AP-42 Sections 11.19 for lime silo loading, and AP-42 Sections 11.9 for drilling and blasting. Emissions of NO_x, CO, and SO₂ were estimated using AP-42 Section 13.2 for blasting of ANFO. The emission sources modeled for this analysis included all emission sources from the mine during normal, representative operations, except emissions from wind erosion and emergency generators. According to NMED policy, wind erosion particulate matter emissions need not be modeled.

Crusher vault, reclaimer tunnel, and molybdenum mill area ventilation exhaust were modeled as point sources. Areapoly sources were used to characterize truck unloading and/or bulldozer operations at low grade ore, waste ore, and tailing areas; and scraper loading, unloading, and scraper travel in the tailing area. Volume sources were used for the truck unloading at crusher circuit surge bin, course ore storage pile loading and maintenance, prill silo loading and unloading, and copper concentrate mill building fugitives. Open Pit source was used for all fugitive particulate source emission activities in the open pit. Volume source was used for blasting gas emissions from the open pit.

Air Quality Bureau's approved procedure for Modeling Haul Roads was followed to develop modeling input parameters for unpaved haul roads. Volume source characterization followed the steps described in the Air Quality Bureau's Guidelines.

Volume Source Characterization for Haul Truck Roads:

Step 1: Determine the number of volume sources, N. Divide the length of the road by the 2 X width. The result is the maximum number of volume sources that could be used to represent the road.

The average width of the haul truck roads is approximately 90 feet (27 meters). Add 6 meters to the road width to account for turbulence as the truck travels. The road width to calculate horizontal sigma in the model will equal 33 meters.

The average width of the product/chemical delivery truck roads is approximately 24 feet (7.3

¹ In 1998 EPA announced a policy that emission factors in AP-42 Section 11.9 should not be used "for regulatory applications to [western surface coal mines]." AP-42, Table 11.9-1, Note. EPA acknowledged that "the technical consideration exists that no better alternative data are currently available[.]" Fourteen years later, that statement still remains applicable to particulate emission factors for AP-42 Section 11.9 emission factors.

NMCC – Copper Flat Mine – Dispersion Model Report

meters). Add 6 meters to the road width to account for turbulence as the truck travels. The road width to calculate horizontal sigma in the model will equal 13 meters.

Step 2: Determine the height of the volume source. The height is equal to 1.7 times the height of vehicle generating the emissions – round to the nearest meter.

Height of the haul trucks = 25 feet (7.62 meters).

Height of the volume source = 1.7 times the height of vehicle generating the emissions = $1.7 \times 7.62 \text{ m} = 12.96 \text{ meters}$.

Height of the product/chemical delivery trucks = 13.1 feet (4 meters).

Height of the volume source = 1.7 times the height of vehicle generating the emissions = $1.7 \times 4 \text{ m} = 6.79 \text{ meters}$.

Step 3: Determine the initial horizontal sigma for each volume. Because the road is represented by adjacent volumes, divide the length of the volume by 2.15.

Initial horizontal sigma for each volume (haul truck) = $33 \text{ m} / 2.15 = 15.55$

Initial horizontal sigma for each volume (product/chemical delivery truck) = $13.3 \text{ m} / 2.15 = 6.19$

Step 4: Determine the initial vertical sigma. Divide the height of the volume source determined in Step 2 by 2.15.

Height of the volume source (haul truck) = 12.96 m

Initial vertical sigma = $12.96 \text{ m} / 2.15 = 6.03 \text{ m}$

Height of the volume source (product/chemical delivery truck) = 6.79 m

Initial vertical sigma = $6.79 \text{ m} / 2.15 = 3.16 \text{ m}$

Step 5: Determine the release point. Divide the height of the volume source (effective height) by two. This source is the center of volume source.

Release point (haul truck) = $12.96 \text{ m} / 2 = 6.48 \text{ m}$

Release point (product/chemical delivery truck) = $6.79 \text{ m} / 2 = 3.39 \text{ m}$

NMCC – Copper Flat Mine – Dispersion Model Report

Step 6: Determine the emission rate for each volume source. Divide the total emission rate equally among the individual volumes used to represent the road. It is acceptable to artificially end the haul road up to 50 meters before the intersection with a public road. The reduced length of the road is due to the observation that vehicles normally slow down or stop before exiting the property. The emissions from the 50 meters of road are being equally distributed into the remaining volume sources making up the road.

Step 7: Determine the UTM coordinate for the release point. The release point location is the center of the base of the volume. This location must be at least one meter from the nearest receptor.

Volume Source for Unloading Ore Haul Trucks to Surge Bin, and Loading and Unloading the Prill Silo

Run-of-mine ore is delivered by haul truck from the open pit mine to the crusher circuit surge bin. Trucks delivering the dry portion of ANFO will load the prill (ammonium nitrate) into a silo, where it is stored until loaded in the blast trucks. Following NMED Guidelines, Section 5.2.3, model inputs for these transfer points are as follows:

$$\begin{aligned}\text{Release height} &= 5 \text{ meters} \\ \text{Sigma z} &= \text{volume height}/2.15 = 10 \text{ meters}/2.15 = 4.65 \\ \text{Sigma y} &= \text{volume width}/4.3 = 8 \text{ meters}/4.3 = 1.86\end{aligned}$$

Volume Source for the Course Ore Storage Pile

Crushed ore is loaded onto the course ore storage pile by a stacker conveyor. The pile will be maintained by bulldozer. The course ore stockpile will be 60 foot high with a base of 260 feet. Initial plume height is estimated to be 18 meters. Model inputs for loading ore on and maintaining the course ore pile is as follows:

$$\begin{aligned}\text{Release height} &= 9 \text{ meters} \\ \text{Sigma z} &= \text{volume height}/2.15 = 18 \text{ meters}/2.15 = 8.37 \\ \text{Sigma y} &= \text{volume width}/4.3 = 80 \text{ meters}/4.3 = 18.6\end{aligned}$$

Volume Source for Passive Exhaust from Copper Concentrate Mill Truck Doors

Copper concentrate loaded into storage pile and trucks is passively vented through the truck stall doors at the mill building. This is modeled as a volume source with an initial plume size of 2 meters horizontal by 4 meters vertical and 2 meters at the release point. Following NMED Guidelines, Section 5.2.3, model inputs for are as follows:

NMCC – Copper Flat Mine – Dispersion Model Report

Release height = 2 meters

$\text{Sigma } z = \text{volume height}/4.3 = 4 \text{ meters}/4.3 = 0.93$

$\text{Sigma } y = \text{volume height}/4.3 = 2 \text{ meters}/4.3 = 0.47$

Volume Source for the Blasting Gaseous Emissions

Blasting gaseous emissions from the open pit were modeled as a volume source. The elevation was the top of the pit. Sigma y was based on the width of the pit and sigma z was based on twice the depth of the pit.

Release height = 0 meters

$\text{Sigma } z = 180 \text{ meters}/4.3 = 42$

$\text{Sigma } y = 762 \text{ meters}/4.3 = 177.2$

Point Source (Crusher Vault, Reclaim Tunnel, Molybdenum Mill, Lime Silo Exhaust)

Dust collectors are located at the underground crusher vault, reclaimer tunnel, molybdenum mill, and lime silo to control fugitive dust emission for each operation. For each source, model inputs will include stack height, stack diameter, stack exit temperature, and stack exit velocity. Table 6 presents the model inputs parameters for all stack emissions. The crusher vault and reclaimer tunnel exhaust stack will be equipped with a rain cap. The molybdenum mill and lime silo loading exhaust stack will vent horizontally.

TABLE 6: Point Source Model Inputs

Point Source	Stack Height (feet)	Stack Diameter (feet)	Stack Temperature (deg F)	ACFM	Velocity (m/s)
Crusher Vault Exhaust	3.28	2	Ambient	12,000	63.7
Reclaimer Tunnel Exhaust	3.28	2	Ambient	12,000	63.7
Molybdenum Mill Exhaust	40	2	Ambient	12,000	63.7
Prill Silo Loading Exhaust	70	1	Ambient	500	10.6
Lime Silo Loading Exhaust	70	1	Ambient	500	10.6

Areapoly Source (Bulldozer/Truck Unloading – Low Grade Ore and Waste Ore Areas, and Tailings Area)

Bulldozers operate in the open pit, low grade ore, waste ore, and tailings areas moving material. The areapoly source is defined by each area. These areas are summarized in Table 7. The release

NMCC – Copper Flat Mine – Dispersion Model Report

height is $\frac{1}{2}$ the plume height or 1.7 times the height of the bulldozer blades. Bulldozer blade height is estimated to be approximately 11.5 feet or 3.5 meters.

$$\text{Release height} = 3.5 \text{ meters} * 1.7 / 2 = 3 \text{ meters}$$

$$\text{Sigma } z = 3.5 \text{ meters} * 2/2.15 = 3.26$$

TABLE 7: Areapoly Source Model Inputs

Areapoly Source	Area (meter²)	Release Height (meters)	Sigma z (meters)
Low Grade Ore Stockpile Area	70,079	3	3.26
Waste Ore Stockpile Area	699,171	3	3.26
Tailings Dam Area	295,888	3	3.26
Tailing Dam Topsoil Pile	120,000	3	3.26
Tailing Area Topsoil Removal by Scraper	669,993	3	3.26

Emission rates input in the model are summarized in Tables 8 and 9.

NMCC – Copper Flat Mine – Dispersion Model Report**Table 8: Plant-Wide Controlled Particulate Emission Rates**

Source ID	Source Description	Controlled					
		TSP		PM10		PM2.5	
		(lbs/hr)	TPY	(lbs/hr)	TPY	(lbs/hr)	TPY
S1	Drilling – Open Pit	5.4	19	2.8	9.9	0.57	2.0
S2	Blasting – Open Pit	54	2.3	28	1.2	1.6	0.068
S3	Prill Silo Loading	0.88	0.064	0.42	0.030	0.063	0.0046
S4	Truck Loading - Open Pit	10	44	4.7	21	0.72	3.1
S5	Bulldozer – Open Pit	21	41	4.5	8.9	2.2	4.3
S6	Raw Ore Unloading to Surge Bin	1.5	6.7	0.72	3.2	0.11	0.48
S7	Drop from Surge Bin to Apron Feeder	1.0	4.5	1.0	4.5	1.0	4.5
S8	Primary Crusher						
S9	Primary Crusher Apron Conveyor TP						
S10	Stacker Conveyor Drop to Course Ore Storage Pile	1.5	6.7	0.72	3.2	0.11	0.48
S11	Bulldozer Maintenance of Course Ore Storage Pile	15	21	3.1	4.5	1.5	2.2
S12	Course Ore Storage Pile Drop to Reclaimer	1.0	4.5	1.0	4.5	1.0	4.5
S13	Reclaimer Drop to Reclaim Conveyor						
S14	Reclaim Conveyor Drop to Wet Mill	0.23	1.0	0.11	0.47	0.016	0.072
S15	Lime Silo Loading	0.043	0.0094	0.043	0.0094	0.043	0.0094
S16	Drop to Molybdenum Storage Pile	1.0	4.5	1.0	4.5	1.0	4.5
S17	Drop to Molybdenum Bagger						
S19	Product Loading Trucks Molybdenum						
S18	Drop to Copper Concentrate Storage Pile	0.0017	0.0072	0.00078	0.0034	0.00012	0.00052
S20	Product Loading Trucks Copper Concentrate	0.0033	0.014	0.0016	0.0069	0.00024	0.0010
S21	Truck Unloading Low Grade Ore Stockpile	0.18	0.78	0.084	0.37	0.013	0.056
S22	Bulldozer Low Grade Ore Stockpile Area	21	20	4.5	4.3	2.2	2.1
S23	Truck Unloading Waste Dump Stockpile	3.8	17	1.8	7.8	0.27	1.2
S24	Bulldozer Waste Dump Stockpile Area	21	30	4.5	6.5	2.2	3.2
S25	Bulldozer Tailings Dam Area	2.9	4.2	0.54	0.78	0.30	0.44
S26	Scraper Loading Tailings Area	1.3	5.7	0.61	2.7	0.092	0.41
S27	Scraper Unloading Tailings Area	0.15	0.65	0.070	0.31	0.011	0.047
S28	Scraper Travel Mode	3.3	12	1.1	4.0	0.11	0.40
S29	Truck Traffic Mine Trucks/Light Vehicles	87	319	25	91	2.5	9.1

NMCC – Copper Flat Mine – Dispersion Model Report**Table 8: Plant-Wide Controlled Particulate Emission Rates**

Source ID	Source Description	Controlled					
		TSP		PM10		PM2.5	
		(lbs/hr)	TPY	(lbs/hr)	TPY	(lbs/hr)	TPY
S30	Truck Traffic Product/Chemical Delivery Trucks	3.7	13	0.95	3.5	0.095	0.35
S31	Grader – Road Maintenance	11	28	3.8	9.6	0.35	0.87
S32	Wind Erosion Course Ore Pile	0.25	1.1	0.12	0.54	0.018	0.081
S33	Wind Erosion Open Pit Area	3.2	14	1.6	7.0	0.24	1.0
S34	Wind Erosion Low Grade Ore Stockpile Area	1.3	5.6	0.64	2.8	0.10	0.42
S35	Wind Erosion Waste Dump Stockpile Area	3.9	17	2.0	8.6	0.30	1.3
S36	Wind Erosion Tailings Area	3.3	14	1.6	7.2	0.25	1.1
	Total	279	657	97	222	19	48

Table 9: Plant-Wide NOx, CO, SO₂ Emission Rates

Source ID	Source Description	Blasting Combustion Emissions					
		NOx		CO		SO ₂	
		(lbs/hr)	TPY	(lbs/hr)	TPY	(lbs/hr)	TPY
S2	Blasting	375	54	1479	214	44	6.4

Note: Hourly emission rate was used as input into the model. Emissions in model were for 1 hour per day at the worst modeled 1 hour period in an afternoon for met year 2011.

NMCC – Copper Flat Mine – Dispersion Model Report

2.6 PARTICLE SIZE DISTRIBUTION

TSP and PM₁₀ emissions were modeled using plume depletion. Plume deposition simulates the effect of gravity as particles “fall-out” from the plume to the ground as the plume travels downwind. Therefore, the farther the plume travels from the emission point to the receptor, the greater the effect of plume deposition and the greater the decrease in modeled impacts or concentrations. Particle size distribution, particle mass fraction, and particle density are required inputs to the model to perform this function.

The particle size distribution data used in the modeling for material handling was based upon data obtained from the City of Albuquerque AQB’s “Air Dispersion Modeling Guidelines for Air Quality Permitting”, revised 11/7/06, Table 1. Particle size distribution for fugitive road dust on unpaved roads will use the particle size *k* factors found in the AP-42 13.2.2 emission equations for unpaved roads (ver. 11/06). Particle size distribution for the dust control collector emissions is based on a fly ash classification analysis plus a baghouse that controls to 94.0% of particles less than 2.5 µm, 99.0% of particles between 2.5 and 10 µm, and 99.5% of particles between 10 and 30 µm. The fly ash particulate size distribution between 0 and 30 µm is 5.7% by volume for particles less than 2.5 µm, 34.2% by volume for particles between 2.5 and 10 µm, and 60.1% by volume for particles between 10 and 30 µm.

The mass-mean particle diameter was calculated using the formula:

$$d = ((d_1^3 + d_1^2 d_2 + d_1 d_2^2 + d_2^3) / 4)^{1/3}$$

Where: *d* = mass-mean particle diameter
 *d*₁ = low end of particle size category range
 *d*₂ = high end of particle size category range

A representative average particle density for soil (clay, quartz), and limestone were obtained from CRC, “Handbook of Chemistry and Physics”, 80th Edition. The densities and size distribution for PM₁₀ and TSP emission sources are presented in Tables 10, 11, 12, and 13.

NMCC – Copper Flat Mine – Dispersion Model Report**TABLE 10: Aggregate Handling Fugitive Source Depletion Parameters**

Particle Size Category (μm)	Mass Mean Particle Diameter (μm)	Mass Weighted Size Distribution (%)	Density (g/cm ³)
PM10			
2.5 – 5	3.88	22.6	2.5
5 – 10	7.77	77.4	2.5
TSP			
2.5 – 5	3.88	6.0	2.5
5 – 10	7.77	20.5	2.5
10 – 15	12.66	16.0	2.5
15 – 20	17.62	17.5	2.5
20 – 30	25.33	22.5	2.5
30 – 45	38.00	17.5	2.5

Parameters based on values from the Albuquerque Air Quality Division Modeling Guidelines.

TABLE 11: Unpaved Road Vehicle Fugitive Dust Depletion Parameters

Particle Size Category (μm)	Mass Mean Particle Diameter (μm)	Mass Weighted Size Distribution (%)	Density (g/cm ³)
PM10			
0 – 2.5	3.88	22.6	2.5
2.5 – 10	7.77	77.4	2.5
TSP			
0 – 2.5	3.88	2.6	2.5
2.5 – 10	7.77	22.9	2.5
10 – 30	21.54	74.5	2.5

Based on AP-42 Section 13.2.2 k factors.

TABLE 12: Fugitive Dust Collector Depletion Parameters

Particle Size Category (μm)	Mass Mean Particle Diameter (μm)	Mass Weighted Size Distribution (%)	Density (g/cm ³)
PM10			
0 – 2.5	1.57	57.1	2.5
2.5 – 10	6.91	42.9	2.5
TSP			
0 – 2.5	1.57	34.7	2.5
2.5 – 10	6.91	34.7	2.5
10 – 30	21.54	30.6	2.5

NMCC – Copper Flat Mine – Dispersion Model Report**TABLE 13: Lime Silo Dust Collector Depletion Parameters**

Particle Size Category (μm)	Mass Mean Particle Diameter (μm)	Mass Weighted Size Distribution (%)	Density (g/cm³)
PM10			
0 – 2.5	1.57	57.1	2.2
2.5 – 10	6.91	42.9	2.2
TSP			
0 – 2.5	1.57	34.7	2.2
2.5 – 10	6.91	34.7	2.2
10 – 30	21.54	30.6	2.2

NMCC – Copper Flat Mine – Dispersion Model Report

2.7 REGIONAL BACKGROUND CONCENTRATIONS

Ambient background concentrations represent the contribution of pollutant sources that are not included in the modeling analysis, including naturally occurring sources. If the modeled concentration of a criteria pollutant is above the modeling significance level, the background concentration for each criteria pollutant was added to the maximum modeled concentration to calculate the total estimated pollutant concentration for comparison with the AAQS.

The ambient background concentrations are listed in the Air Quality Bureau Guidelines for PM_{2.5}, NO₂, CO, and SO₂. For PM_{2.5}, NMCC used refined backgrounds from Silver City (Monitor ID 7S). For NO₂, NMCC used backgrounds from Deming (Monitor ID 7E). For SO₂, NMCC used backgrounds for southwest New Mexico. For CO, NMCC used backgrounds for New Mexico (Rio Rancho Monitor 2ZR).

Site specific ambient monitoring data was used for ambient background concentrations for PM₁₀ and TSP (PM₁₀ * 1.33). For TSP 30 day averaging period, the annual background concentration was added to the maximum modeled concentration.

	1 Hour (ppm)	8 Hour (ppm)	Annual (ppm)
NO ₂	0.038		0.005
CO	2.1	1.5	
SO ₂	0.0083		

Month	PM_{2.5} (µg/m³)	PM₁₀ (µg/m³)	TSP (µg/m³)
Jan	9.2	16.8	22.3
Feb	6.9	14.7	19.5
Mar	8.1	13.5	18.0
Apr	6.0	29.3	38.9
May	7.3	28.8	38.2
Jun	8.8	31.8	42.2
Jul	9.5	29.5	39.2
Aug	9.1	18.5	24.6
Sep	7.1	26.8	35.7
Oct	7.5	27.5	36.6
Nov	9.8	18.5	24.6
Dec	10.2	13.5	18.0
Annual	5.1	14.4	19.1

ppm = parts per million
 µg/m³ = micrograms per cubic meter
 TSP = Total suspended particulate

NMCC – Copper Flat Mine – Dispersion Model Report

3.0 DISPERSION MODELING RESULTS

This section presents the results of the dispersion modeling performed in keeping with the modeling protocol approved by David Heath (email 013113) of the NMED AQB Modeling Section and the procedures discussed in Section 2 of this report. The AERMOD model was run for NMCC's Copper Flat Mine sources for concentrations of nitrogen dioxide (NO_x), carbon monoxide (CO), sulfur dioxide (SO₂), and particulate matter, i.e., total suspended particles (TSP), and both 10 microns or less (PM₁₀) and 2.5 microns or less (PM_{2.5}) to determine if the permit modifications would exceed applicable ambient air quality standards.

3.1 SIGNIFICANT IMPACT AREA

Significant impact (ROI) AERMOD dispersion modeling was completed for PM (TSP and PM₁₀), PM_{2.5}, NO_x, CO, and SO₂. All significant impact models were run with no building downwash with Copper Flat Mine emission sources only.

3.1.1 PM Significant Impact Area

The significant impact model for particulate was run using the TSP maximum emission rates for Copper Flat Mine particulate sources only. Figures 5 and 6 present the results of the 24-hour and annual averaging periods. Complete model input and output files are included on the attached CD-R as "NMCC Copper Flat Mine TSP ROI".

3.1.2 PM_{2.5} Significant Impact Area

The significant impact model for PM_{2.5} was run using the PM_{2.5} maximum emission rates for Copper Flat Mine particulate sources only. Figures 7 and 8 present the results of the 24-hour and annual averaging periods. Complete model input and output files are included on the attached CD-R as "NMCC Copper Flat Mine PM25 ROI".

3.1.3 NO_x Significant Impact Area

The significant impact model for nitrogen dioxide was run using the NO_x maximum emission rate for Copper Flat Mine combustion source (blasting) only. Figures 9 and 10 present the results of the 24-hour and annual averaging periods. Complete model input and output files are included on the attached CD-R as "NMCC Copper Flat Mine Combust ROI".

3.1.4 CO Significant Impact Area

The significant impact model for carbon monoxide was run using the CO maximum emission rate for Copper Flat Mine combustion source (blasting) only. For the 8-hour averaging period model results were below the SILs. Figure 11 present the results of the 1-hour averaging period. Complete model input and output files are included on the attached CD-R as "NMCC Copper Flat Mine Combust ROI".

NMCC – Copper Flat Mine – Dispersion Model Report

3.1.5 SO₂ Significant Impact Area

The significant impact model for sulfur dioxide was run using the SO₂ maximum emission rate for Copper Flat Mine combustion source (blasting) only. For the 24 hour and annual averaging periods model results were below the SILs. Figure 12 present the results of the 3-hour averaging period. Complete model input and output files are included on the attached CD-R as “NMCC Copper Flat Mine Combust ROI”.

NMCC – Copper Flat Mine – Dispersion Model Report

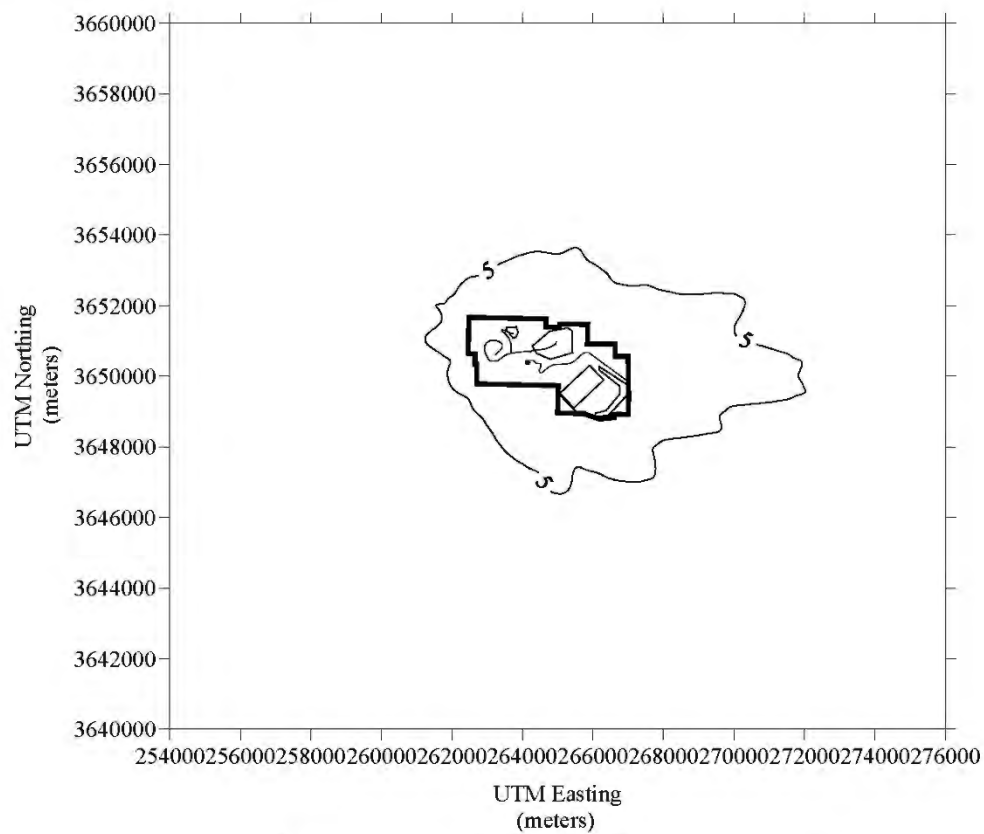


Figure 5: Isopleth of Copper Flat Mine's PM ROI Model Results
Copper Flat Mine Sources Only
24 Hour Average ($\mu\text{g}/\text{m}^3$)
ROI = 7.2 km

NMCC – Copper Flat Mine – Dispersion Model Report

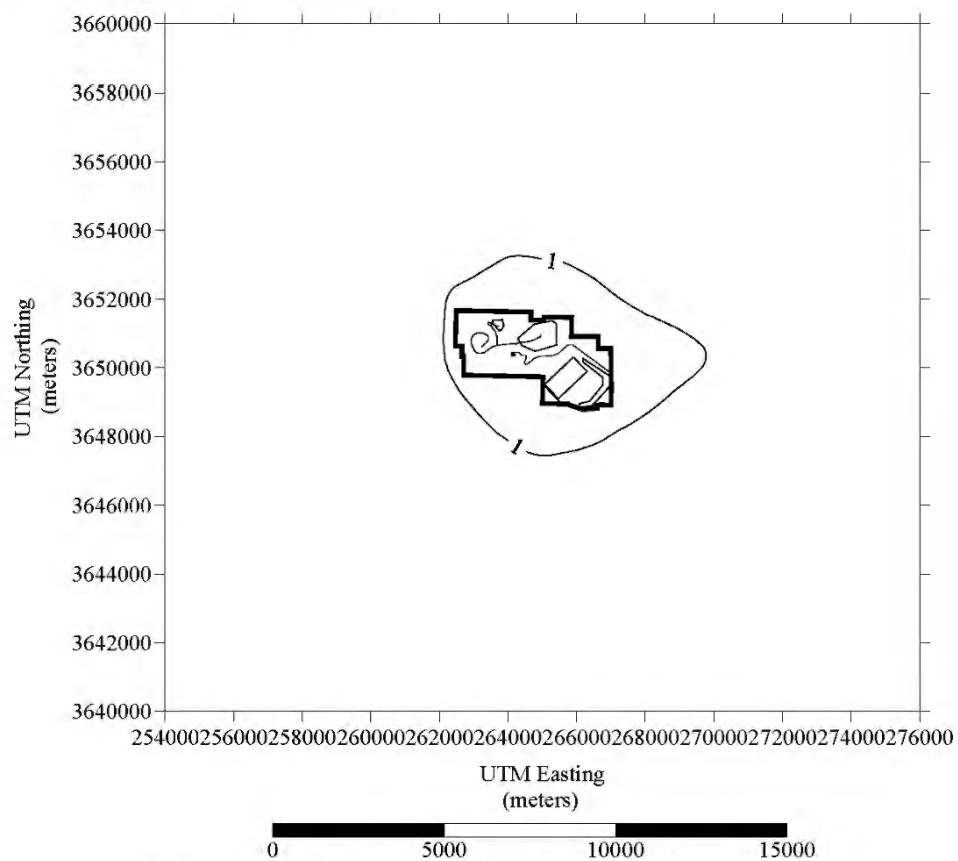


Figure 6: Isopleth of Copper Flat Mine's PM ROI Model Results
Copper Flat Mine Sources Only
Annual Average ($\mu\text{g}/\text{m}^3$)
ROI = 4.7 km

NMCC – Copper Flat Mine – Dispersion Model Report

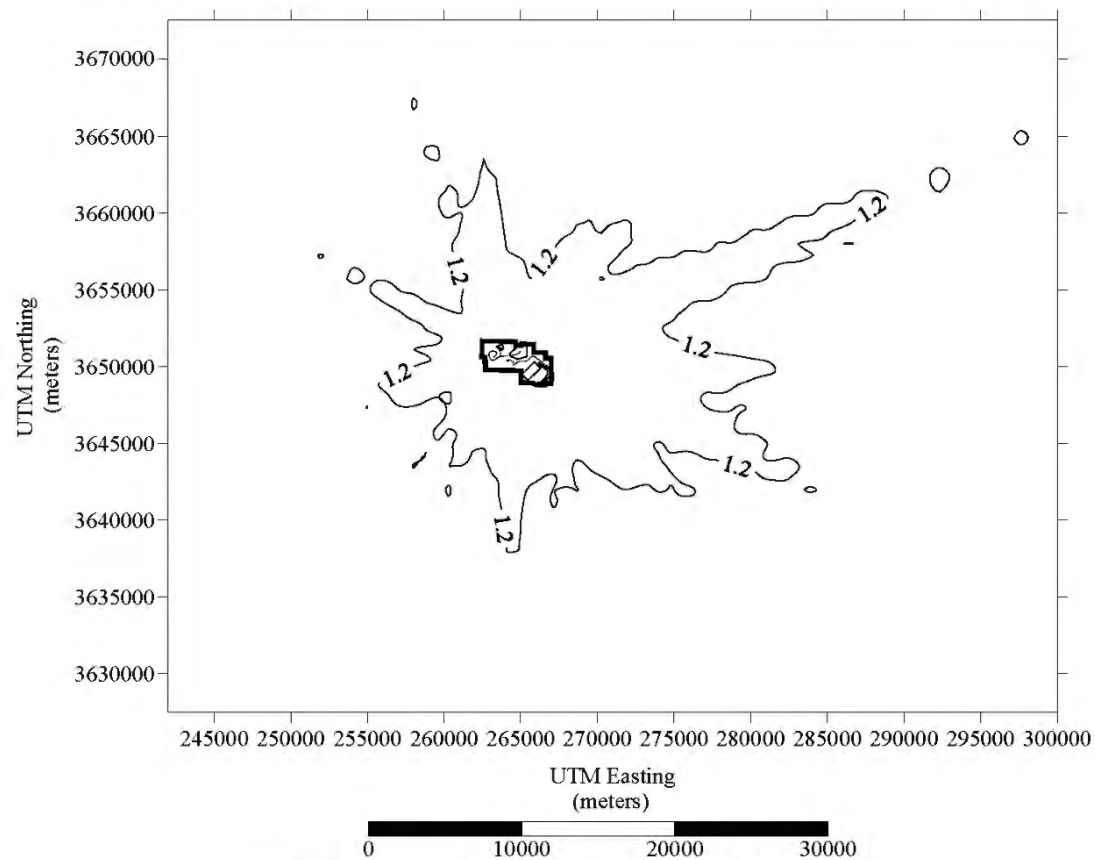


Figure 7: Isopleth of Copper Flat Mine's PM_{2.5} ROI Model Results
 Copper Flat Mine Sources Only
 24 Hour Average ($\mu\text{g}/\text{m}^3$)
 ROI = 35.9 km

NMCC – Copper Flat Mine – Dispersion Model Report

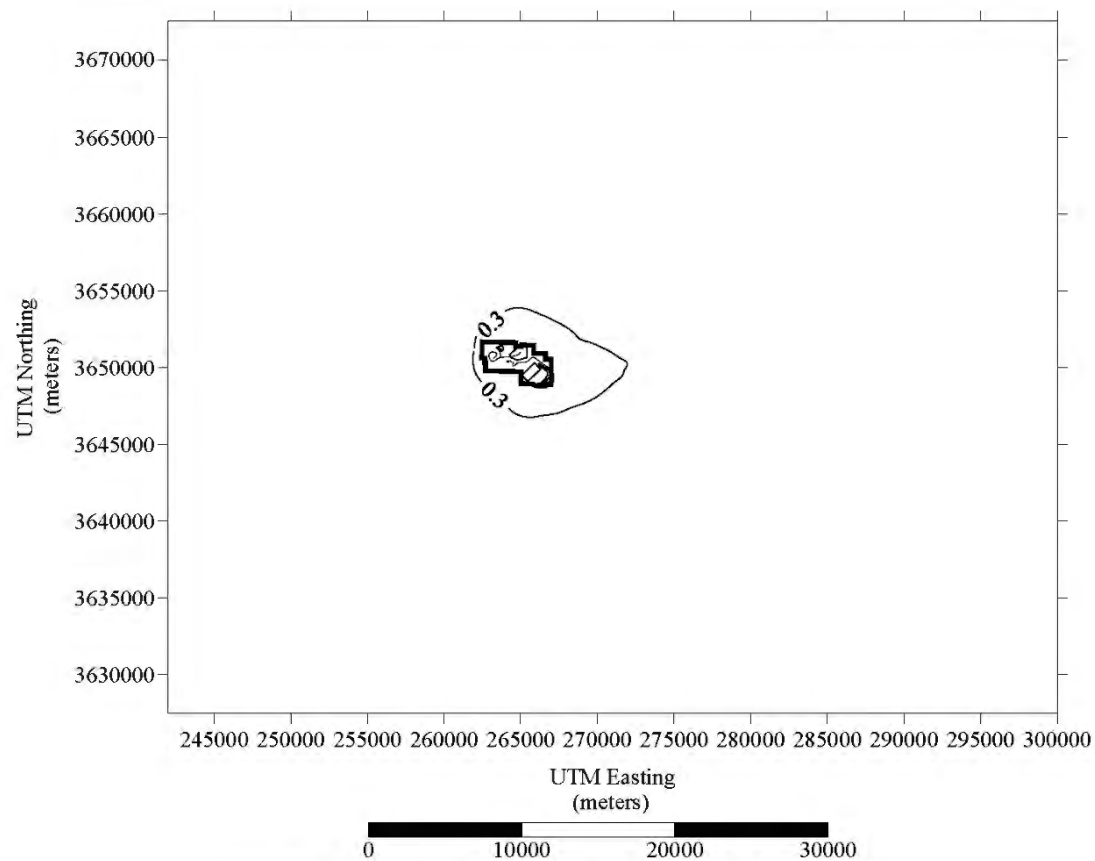


Figure 8: Isopleth of Copper Flat Mine's PM_{2.5} ROI Model Results
Copper Flat Mine Sources Only
Annual Average ($\mu\text{g}/\text{m}^3$)
ROI = 6.7 km

NMCC – Copper Flat Mine – Dispersion Model Report

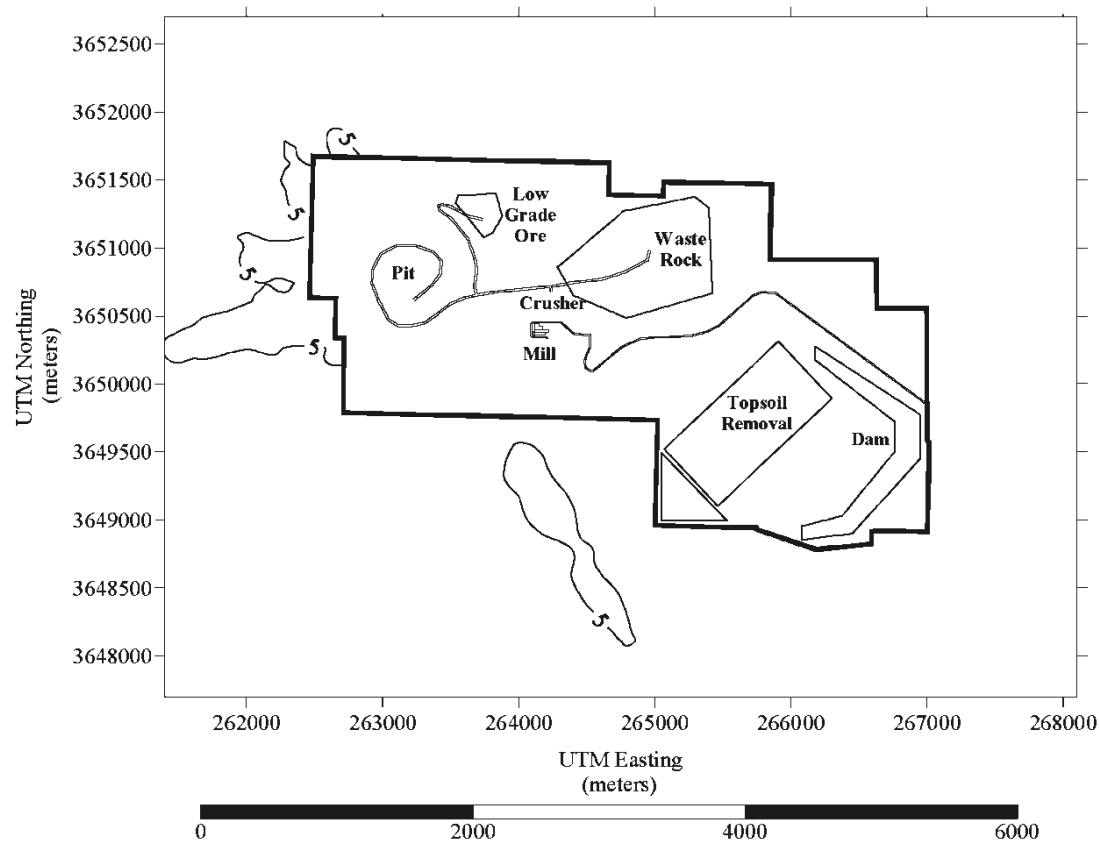


Figure 9: Isopleth of Copper Flat Mine's NO₂ ROI Model Results
Copper Flat Mine Sources Only
24 Hour Average ($\mu\text{g}/\text{m}^3$)
ROI – 3.1 km

NMCC – Copper Flat Mine – Dispersion Model Report

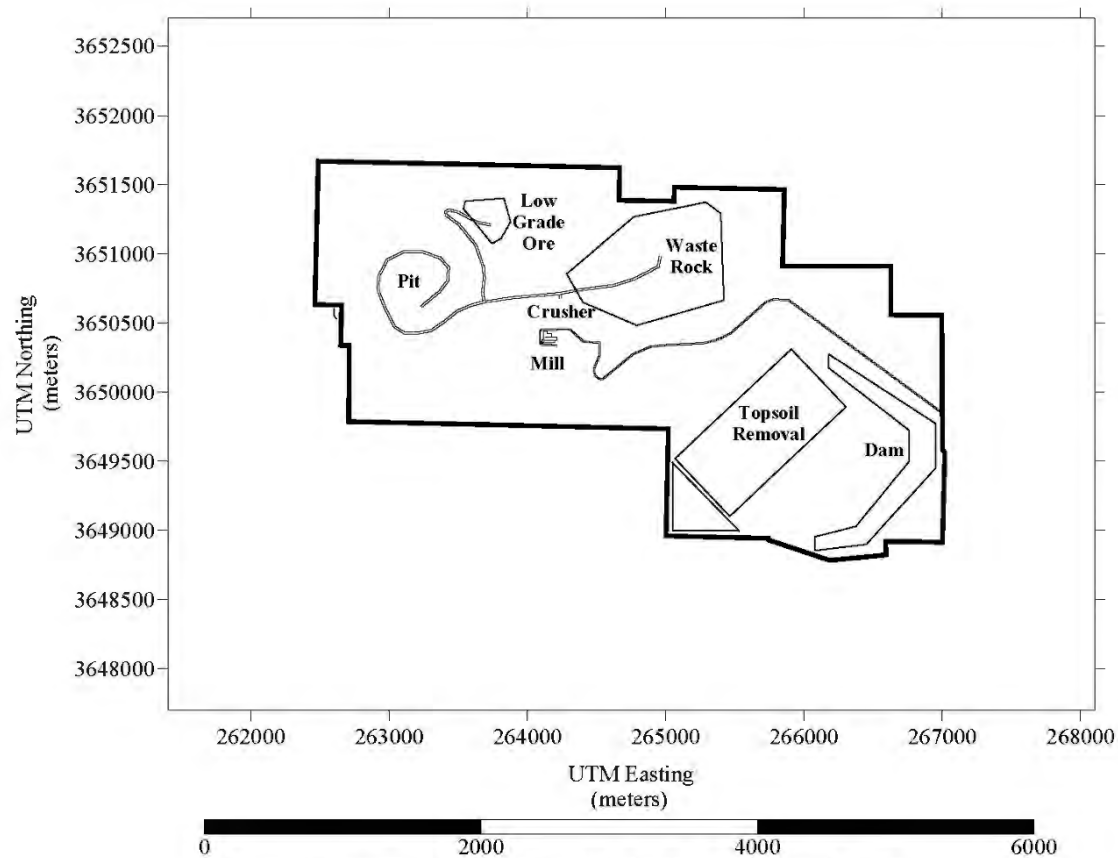


Figure 10: Isopleth of Copper Flat Mine's NO_2 ROI Model Results
Copper Flat Mine Sources Only
Annual Average ($\mu\text{g}/\text{m}^3$)
ROI = 0.6 km

NMCC – Copper Flat Mine – Dispersion Model Report

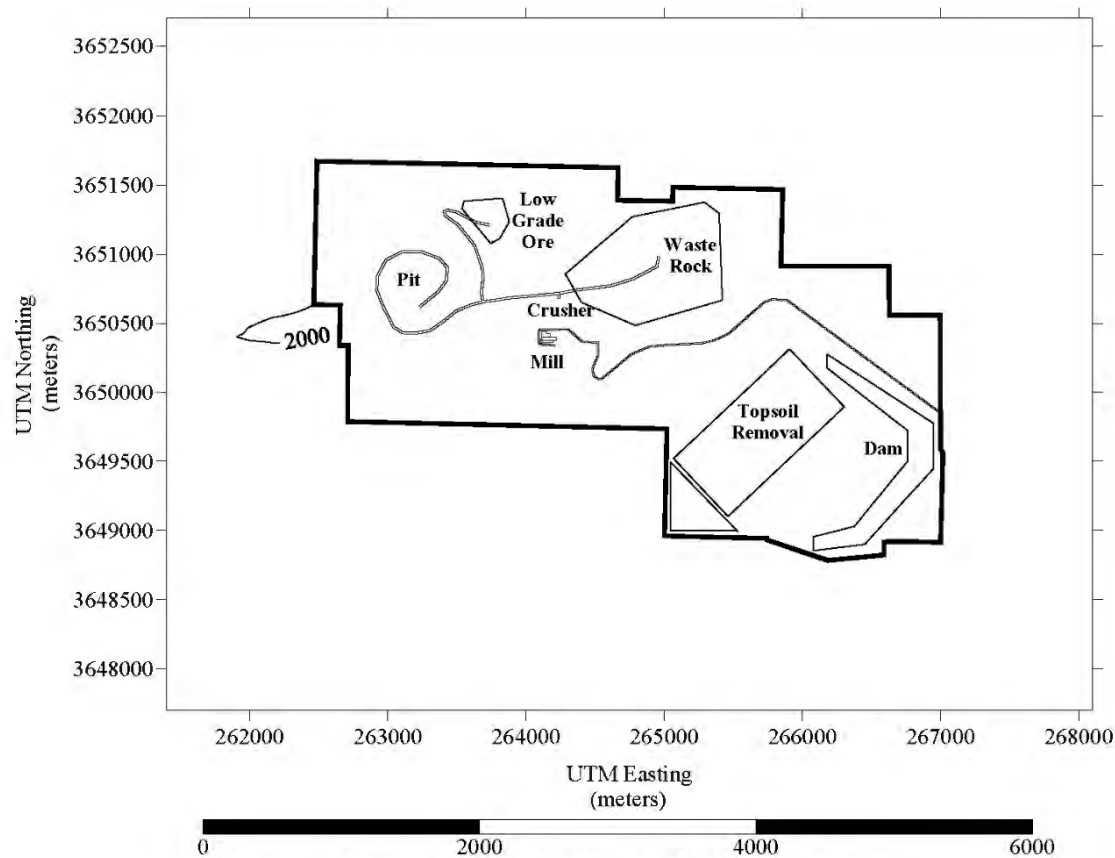


Figure 11: Isopleth of Copper Flat Mine's CO ROI Model Results
Copper Flat Mine Sources Only
1 Hour Average ($\mu\text{g}/\text{m}^3$)
ROI = 1.3 km

NMCC – Copper Flat Mine – Dispersion Model Report

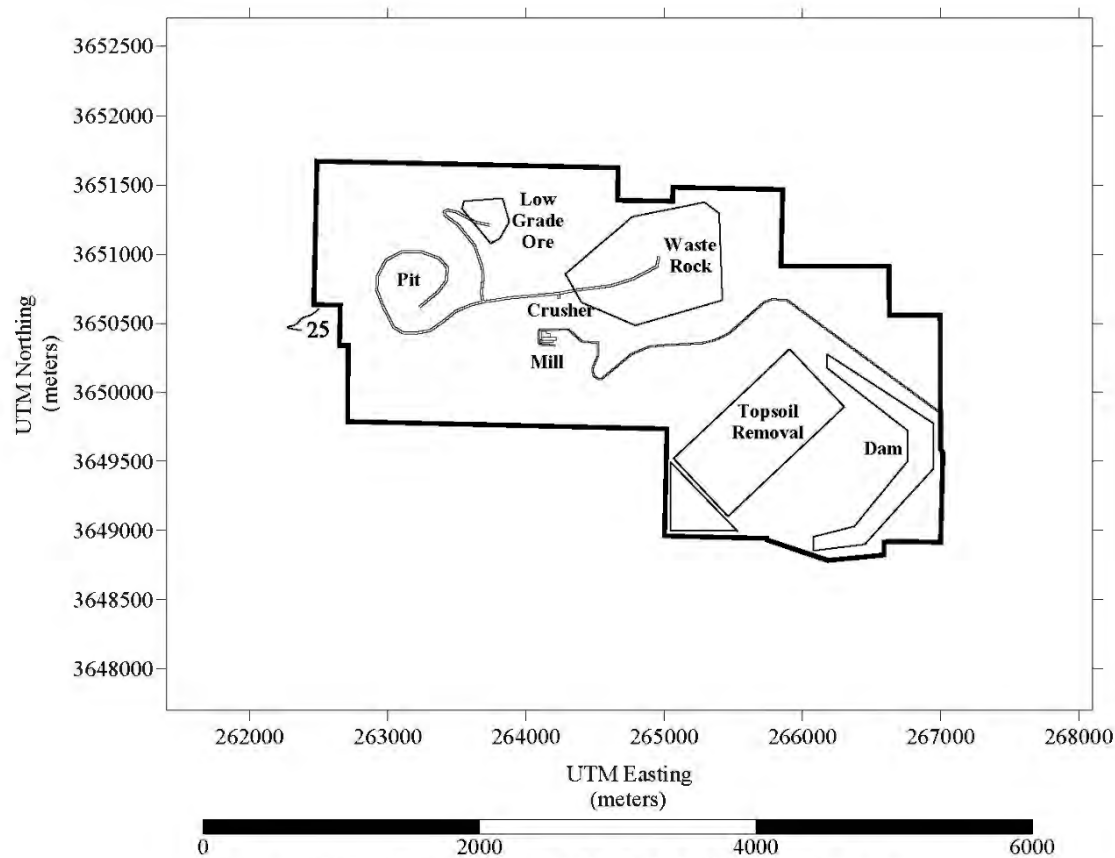


Figure 12: Isopleth of Copper Flat Mine's SO₂ ROI Model Results
Copper Flat Mine Sources Only
24 Hour Average ($\mu\text{g}/\text{m}^3$)
ROI = 0.9 km

NMCC – Copper Flat Mine – Dispersion Model Report**3.2 REFINED DISPERSION MODELING**

The following sections describe the method and results of refined modeling for nitrogen dioxide (NO_x), carbon monoxide (CO), sulfur dioxide (SO₂), and particulate matter, i.e., total suspended particles (TSP), and both 10 microns or less (PM₁₀) and 2.5 microns or less (PM_{2.5}). All refined modeling was performed in terrain mode. Elevations for receptors in all refined models were extracted from USGS 7½" DEM files. Receptors were generated using the model's self generating receptor option.

3.2.1 CO Refined Modeling Analysis

Carbon monoxide (CO) modeling included Copper Flat Mine combustion sources (blasting) and significant neighboring sources. CO refined modeling was run with a grid spacing of 50 meters along the facility boundary and 100 meters spacing out to 1000 meters beyond the facility boundary. Receptors were generated using the model's self generating receptor option. A list of NO₂ neighboring sources from the NMED's AIRS database can be found in Appendix A. CO ROI and Refined models show the maximum concentration for CO is located on or near the west facility boundary for both the 1 and 8 hour averages. Model results show no exceedance of CO significant impact levels (SIL) for the 8 hour averaging period.

Regional CO background concentrations were added to the 1 hour average modeled results and compared to the lowest applicable ambient standard. The 1-hour background concentrations for CO are presented in Section 2.7 of this report. The maximum CO model results are given below in Table 14. First and second highest 1 and 8 hour averages were taken from the maximum tables produced by the model.

The CO 1 hour model results are summarized in Figures 13 and 14. Model run is designated "NMCC Copper Flat Mine Combustion CIA". Complete model input and output files are included on the attached CD-R.

TABLE 14
Maximum Modeled CO Impacts
NMCC's Copper Flat Mine and Significant Neighbors CO Sources

	Concentration (µg/m³)	Location UTMs E/N	Date	Hour
<u>1 Hour Average</u>				
1 st Highest	3614	262655E, 3650582N	12/19/11	17
2 nd Highest	3524	262656E, 3650630N	12/19/11	17
<u>8 Hour Average</u>				
1 st Highest	452	262655E, 3650582N	12/19/11	24
2 nd Highest	441	262656E, 3650630N	12/19/11	24

NMCC – Copper Flat Mine – Dispersion Model Report

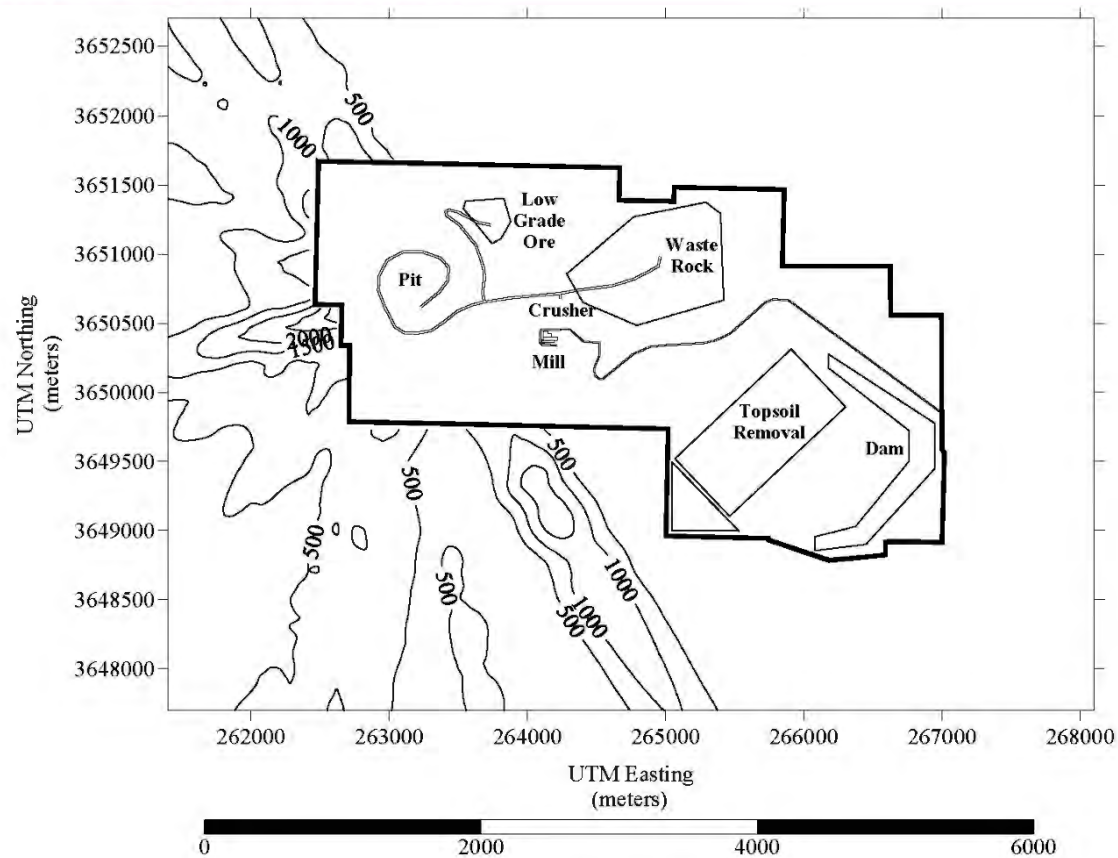


Figure 13: Isopleth of Copper Flat Mine's CO Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
1 Hour Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

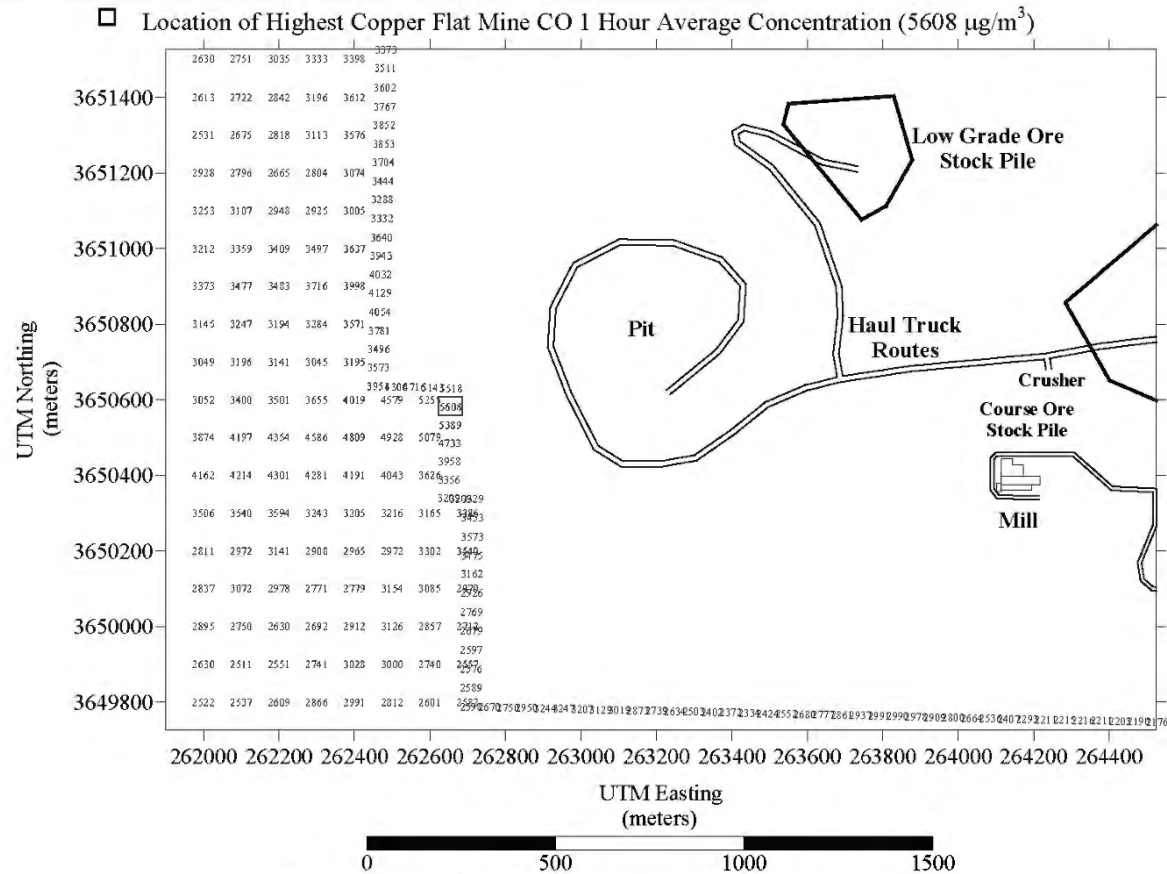


Figure 14: Copper Flat Mine's CO Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources plus Background
1 Hour Average ($\mu\text{g}/\text{m}^3$)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report**3.2.2 SO₂ Refined Modeling Analysis**

Sulfur dioxide (SO₂) modeling included Copper Flat Mine combustion sources (blasting) and significant neighboring sources. SO₂ refined modeling was run with a grid spacing of 50 meters along the facility boundary and 100 meters spacing out to 1000 meters beyond the facility boundary. Receptors were generated using the model's self generating receptor option. A list of NO₂ neighboring sources from the NMED's AIRS database can be found in Appendix A. SO₂ ROI and refined models show the maximum concentration for SO₂ is located on or near the east facility boundary for the 3 hour, 24 hour, and annual averages. ROI model results show no exceedance of SO₂ significant impact levels (SIL) for either the 24 hour or annual averaging periods.

Regional SO₂ background concentrations were added to the 3 hour average modeled results and compared to the lowest applicable ambient standard. The 3-hour background concentrations for SO₂ are presented in Section 2.7 of this report. The maximum SO₂ model results are given below in Table 15. First and second highest 3 and 24 hour averages, and annual averages were taken from the maximum tables produced by the model.

The SO₂ 3 hour model results are summarized in Figures 15 and 16. Model run is designated "NMCC Copper Flat Mine Combustion CIA". Complete model input and output files are included on the attached CD-R.

TABLE 15 Maximum Modeled SO₂ Impacts NMCC's Copper Flat Mine and Significant Neighbors SO₂ Sources				
	Concentration (µg/m ³)	Location UTMs E/N	Date	Hour
<u>3 Hour Average</u>				
1 st Highest	35.8	262655E,3650582N	12/19/11	18
2 nd Highest	35.0	262656E,3650630N	12/19/11	18
<u>24 Hour Average</u>				
1 st Highest	4.5	262655E,3650582N	12/19/11	24
2 nd Highest	4.4	262656E,3650630N	12/19/11	24
<u>Annual Average</u>				
1 st Highest	0.141	262656E,3650630N		
2 nd Highest	0.135	262655E,3650582N		

NMCC – Copper Flat Mine – Dispersion Model Report

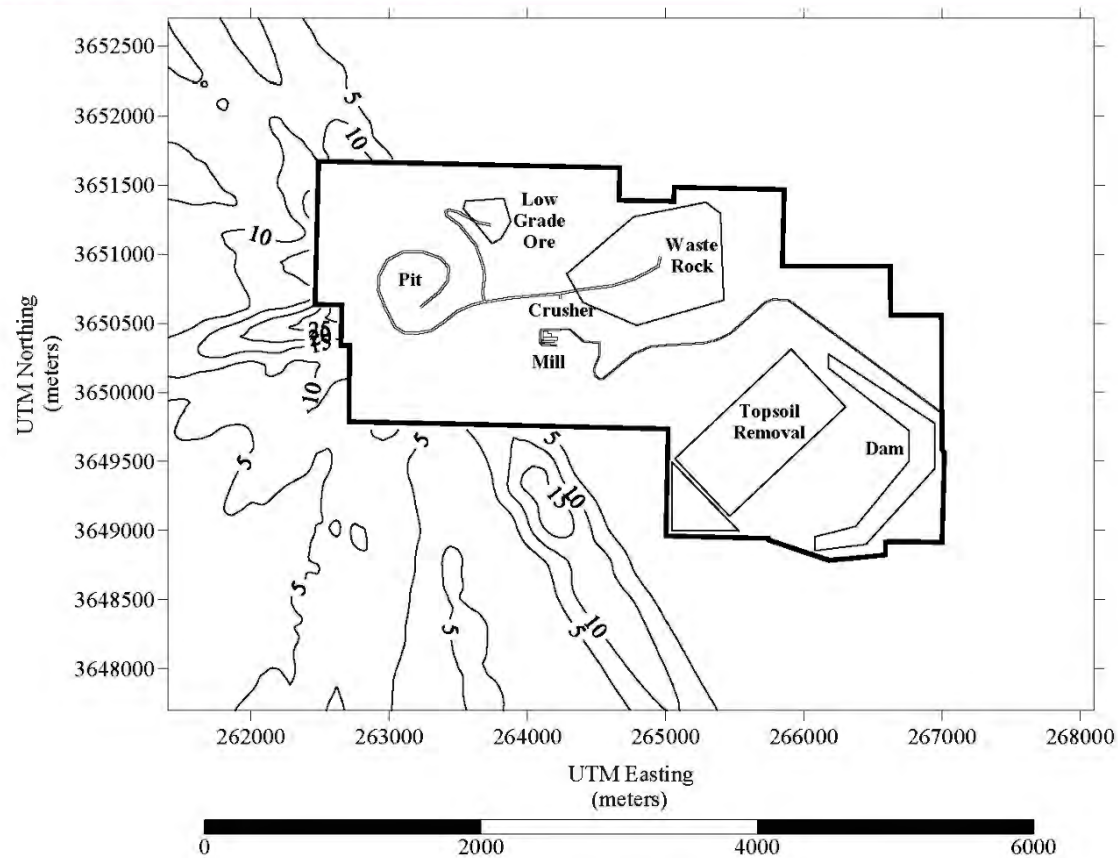


Figure 15: Isopleth of Copper Flat Mine's SO₂ Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
3 Hour Average (µg/m³)

NMCC – Copper Flat Mine – Dispersion Model Report

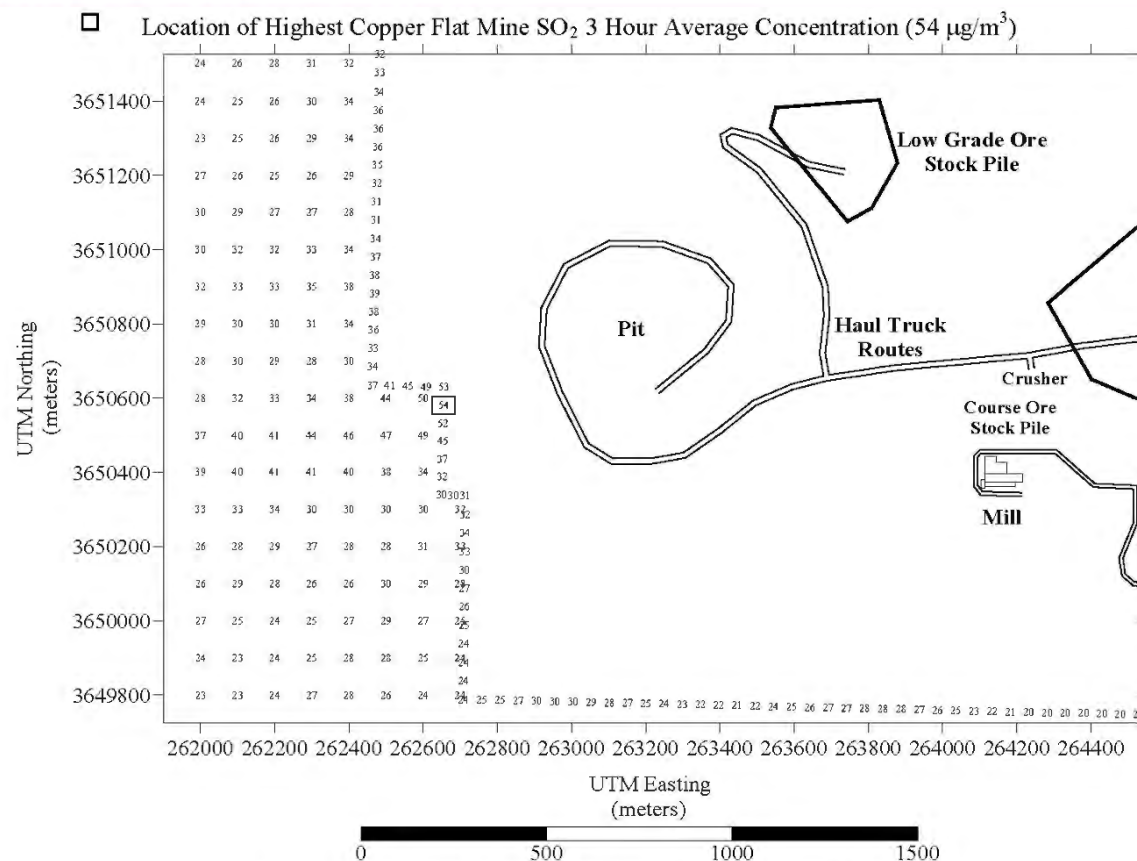


Figure 16: Copper Flat Mine's SO₂ Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources plus Background
3 Hour Average (µg/m³)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

3.2.3 NO_x Refined Modeling Analysis

NO_x modeling included Copper Flat Mine combustion sources (blasting) and significant neighboring sources. NO_x refined modeling was run with a grid spacing of 50 meters along the facility boundary and 100 meters spacing out to 1000 meters beyond the facility boundary. Refined modeling was run in terrain mode using 7.5-minute DEM 10 meter resolution data to give a detailed characterization of the terrain throughout the region. A list of NO₂ neighboring sources from the NMED's AIRS database can be found in Appendix A.

Regional NO₂ background concentrations were added to the modeled results and compared to the lowest applicable ambient standard. The 24-hour and annual background concentrations for NO₂ are presented in Section 2.7 of this report. NO_x refined modeling shows the maximum concentration located west facility boundary for the 24 hour and annual averages. The maximum model results from the refined modeling are given below in Table 16. First and second highest 24 hour and annual averages were taken from the maximum tables produced by the model.

The NO_x model results are summarized in Figures 17 and 18 for the 24-hour averaging period and Figures 19 and 20 for the annual average. Model run is designated "NMCC Copper Flat Mine Combustion CIA". Complete model input and output files are included on the attached CD-R.

TABLE 16 Maximum Modeled NO_x Impacts NMCC's Copper Flat Mine and Significant Neighbors NO_x Sources				
	Concentration (µg/m³)	Location UTMs E/N	Date	Hour
<u>24 Hour Average</u>				
1 st Highest	38.2	262655E,3650582N	12/19/11	24
2 nd Highest	37.2	262656E,3650630N	12/19/11	24
<u>Annual Average</u>				
1 st Highest	1.22	262656E,3650630N		
2 nd Highest	1.17	262655E,3650582N		

NMCC – Copper Flat Mine – Dispersion Model Report

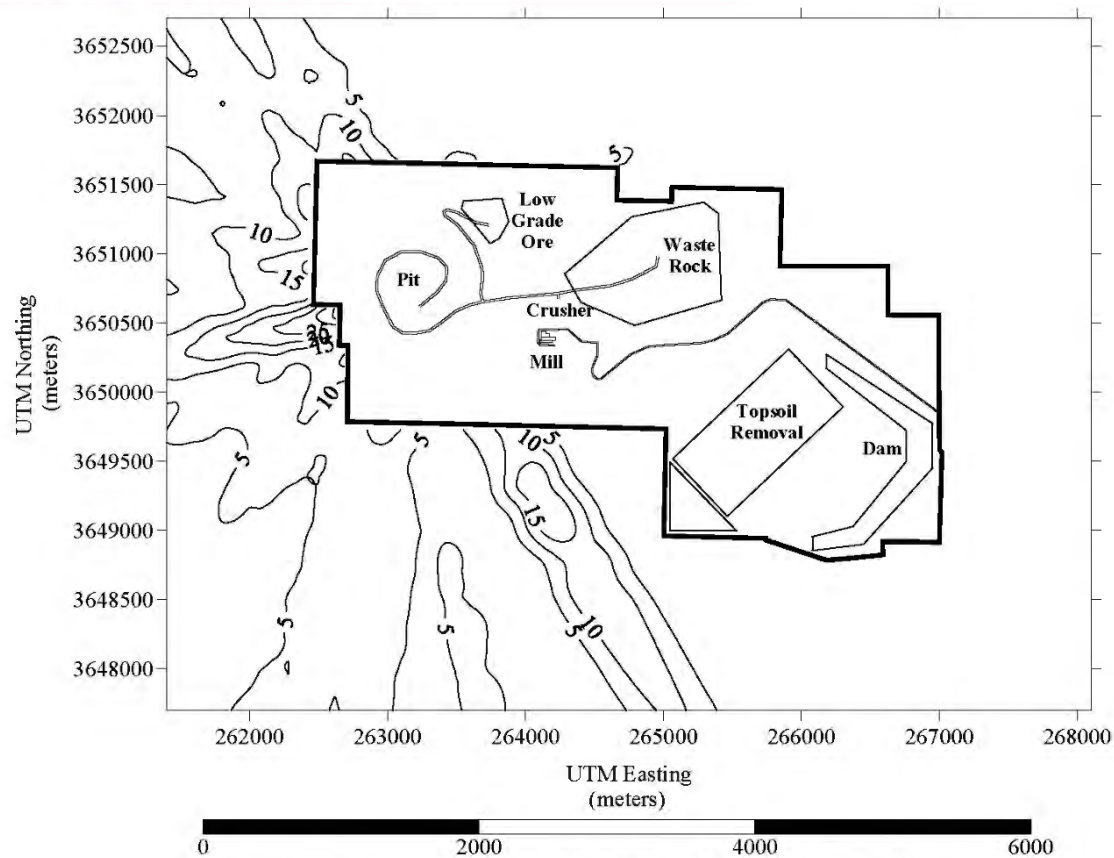


Figure 17: Isopleth of Copper Flat Mine's NO_x Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
24 Hour Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

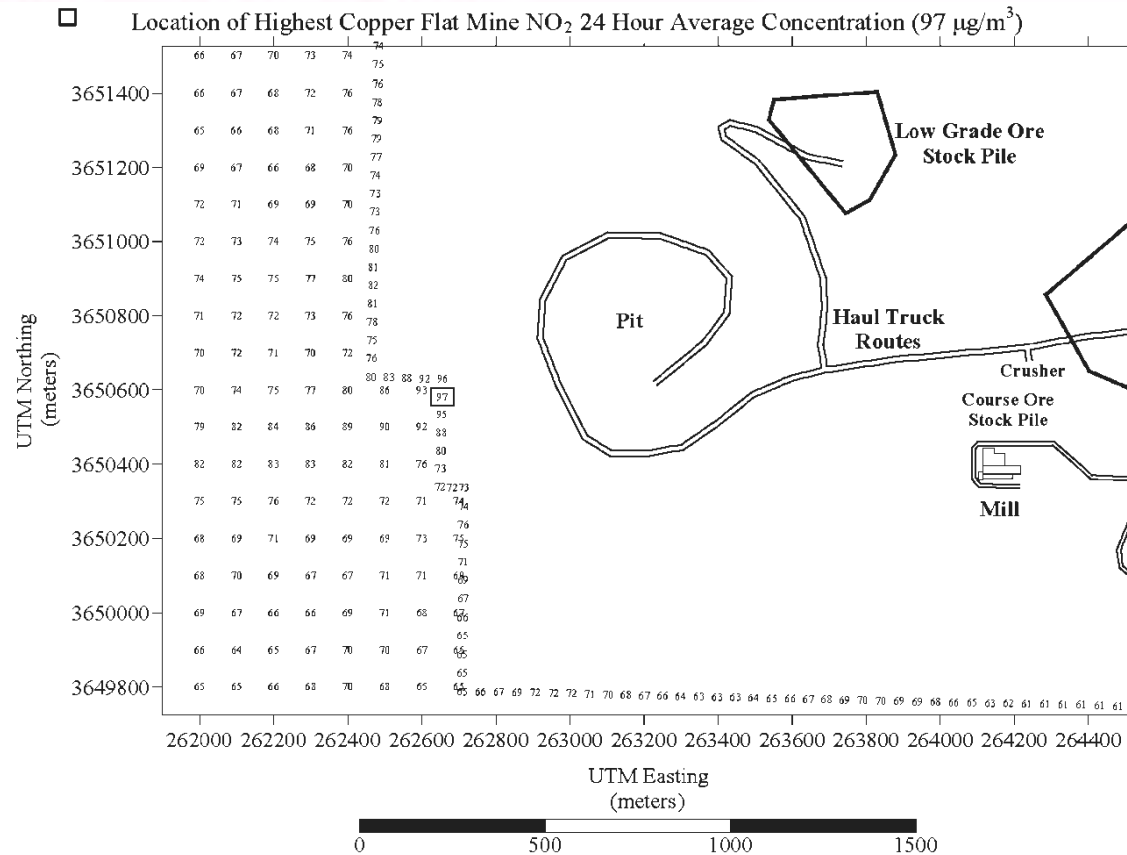


Figure 18: Copper Flat Mine's NO_x Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources plus Background
24 Hour Average (µg/m³)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

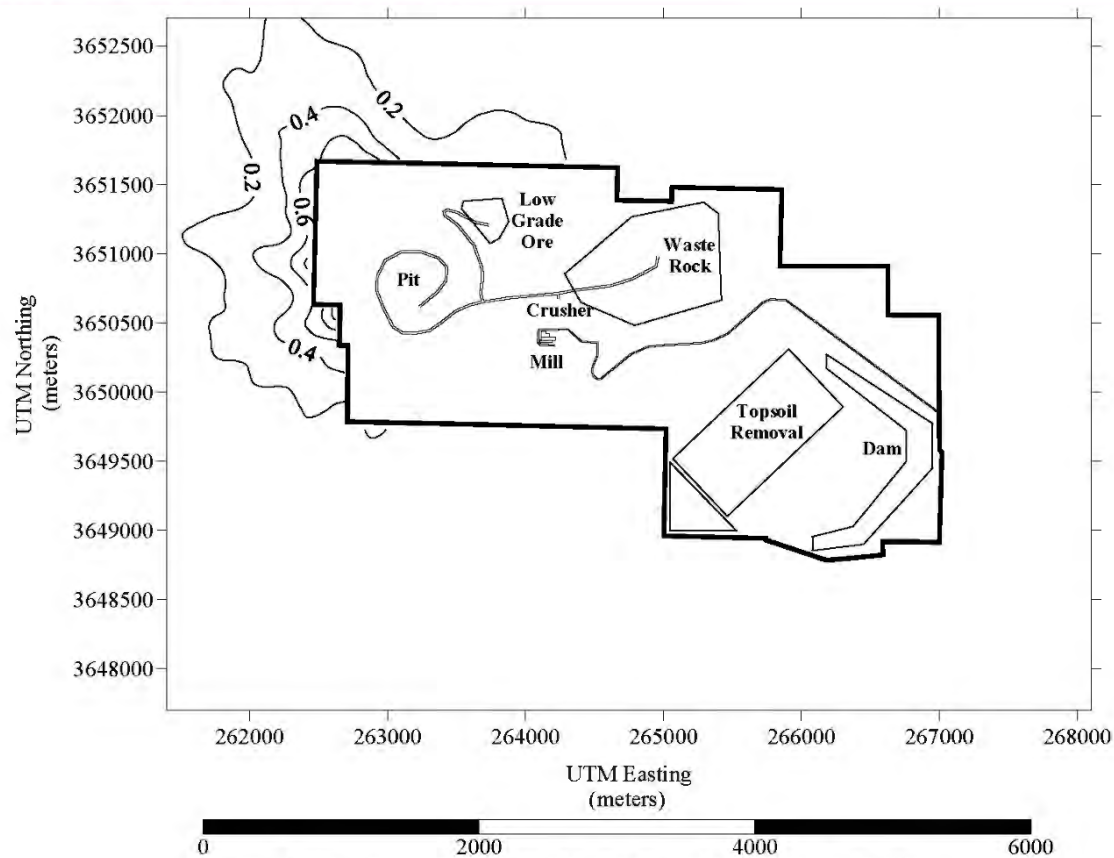


Figure 19: Isopleth of Copper Flat Mine's NO_x Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
Annual Average (µg/m³)

NMCC – Copper Flat Mine – Dispersion Model Report

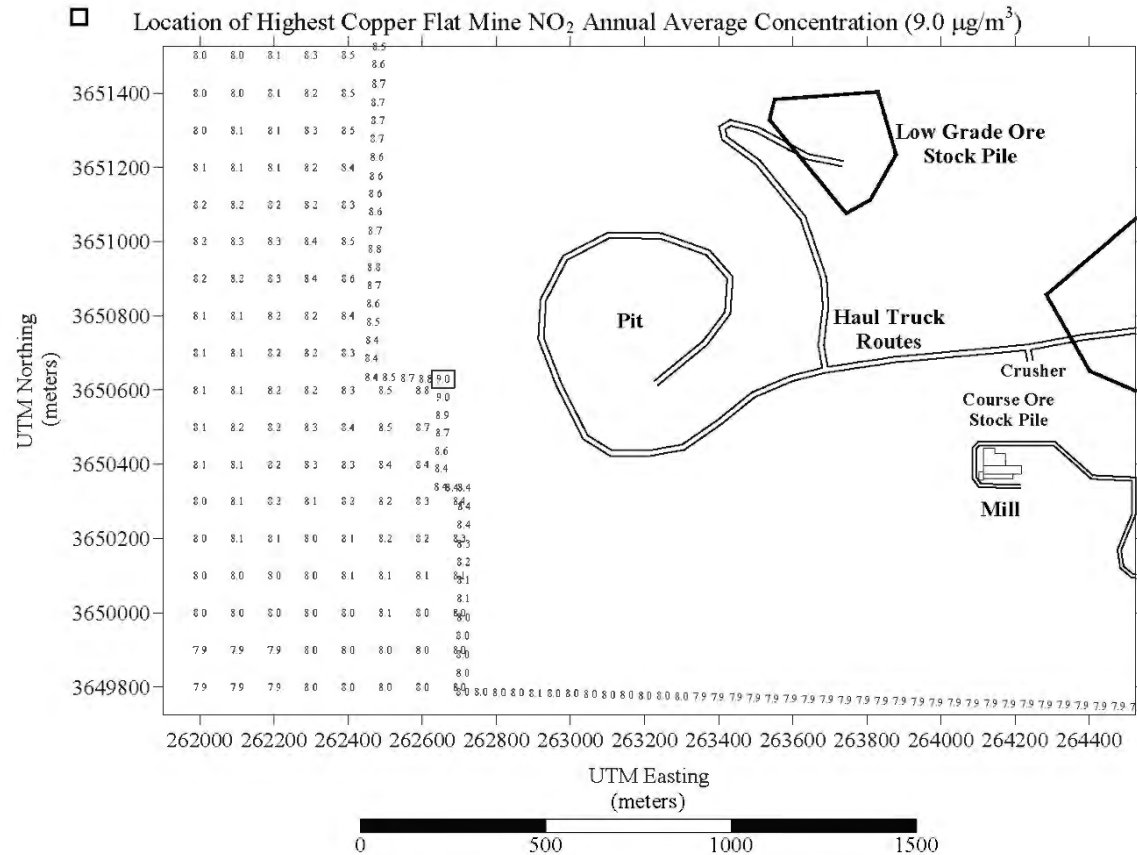


Figure 20: Copper Flat Mine's NO_x Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources plus Background
Annual Average (µg/m³)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

3.2.4 PM_{2.5} Refined Modeling Analysis

PM_{2.5} modeled emission rates were determined from a daily crusher and mill throughput of 25,000 tons per day for a maximum short-term rate. Since all of the particulate matter emissions are direct PM emissions and will not result in secondary PM emissions, for the 24 hour average the highest 8th high dispersion model result were compared to the PM_{2.5} NAAQS. PM_{2.5} refined modeling was run with a receptor grid spacing of 50 meters along the facility boundary, 100 meter grid spacing for receptors extended to 1000 meter beyond the facility boundary, 250 meter grid spacing for receptors extended from 1000 meter to 3 kilometers beyond the facility boundaries, 500 meter grid spacing for receptors extended from 3 kilometers to 5 kilometers beyond the facility boundaries, 1000 meter grid spacing for receptors extended from 5 kilometers to 10 kilometers beyond the facility boundaries, and 2500 meter grid spacing for receptors extended from 10 kilometers out to 32 kilometers. Receptors were generated using the model's self generating receptor option. Refined modeling was run in terrain mode using 7.5-minute DEM 10 meter resolution data to give a detailed characterization of the terrain throughout the region. A list of PM_{2.5} neighboring sources from the NMED's AIRS database can be found in Appendix A.

Regional PM_{2.5} background concentrations were added to the modeled results and compared to the lowest applicable ambient standard. The 24-hour and annual background concentrations for PM_{2.5} are presented in Section 2.7 of this report. PM_{2.5} refined modeling show the maximum concentration for PM_{2.5} is located on or near the northeast facility boundary for the 24 hour and annual averaging periods. Model results show no exceedance of federal PM_{2.5} ambient air quality standards for the 24 hour or annual averaging periods. The maximum PM_{2.5} model results are given below in Table 17. First and second highest 24 hour and annual averages were taken from the maximum tables produced by the model.

The PM_{2.5} model results are summarized in Figures 21 and 22 for the 24-hour averaging period and Figures 23 and 24 for the annual average. This model run is designated "NMCC Copper Flat Mine PM_{2.5} CIA". Complete model input and output files are included on the attached CD-R.

NMCC – Copper Flat Mine – Dispersion Model Report

TABLE 17 Maximum Modeled PM_{2.5} Impacts NMCC's Copper Flat Mine and Significant Neighbors PM_{2.5} Sources				
	Concentration (µg/m ³)	Location UTMs E/N	Date	Hour
<u>24 Hour Average</u>				
1 st Highest 8 th High	18.9	265845E,3650911N		24
2 nd Highest 8 th High	18.7	265846E,3650939N		24
<u>Annual Average</u>				
1 st Highest	2.35	265845E,3650911N		
2 nd Highest	2.32	265060E,3651383N		

NMCC – Copper Flat Mine – Dispersion Model Report

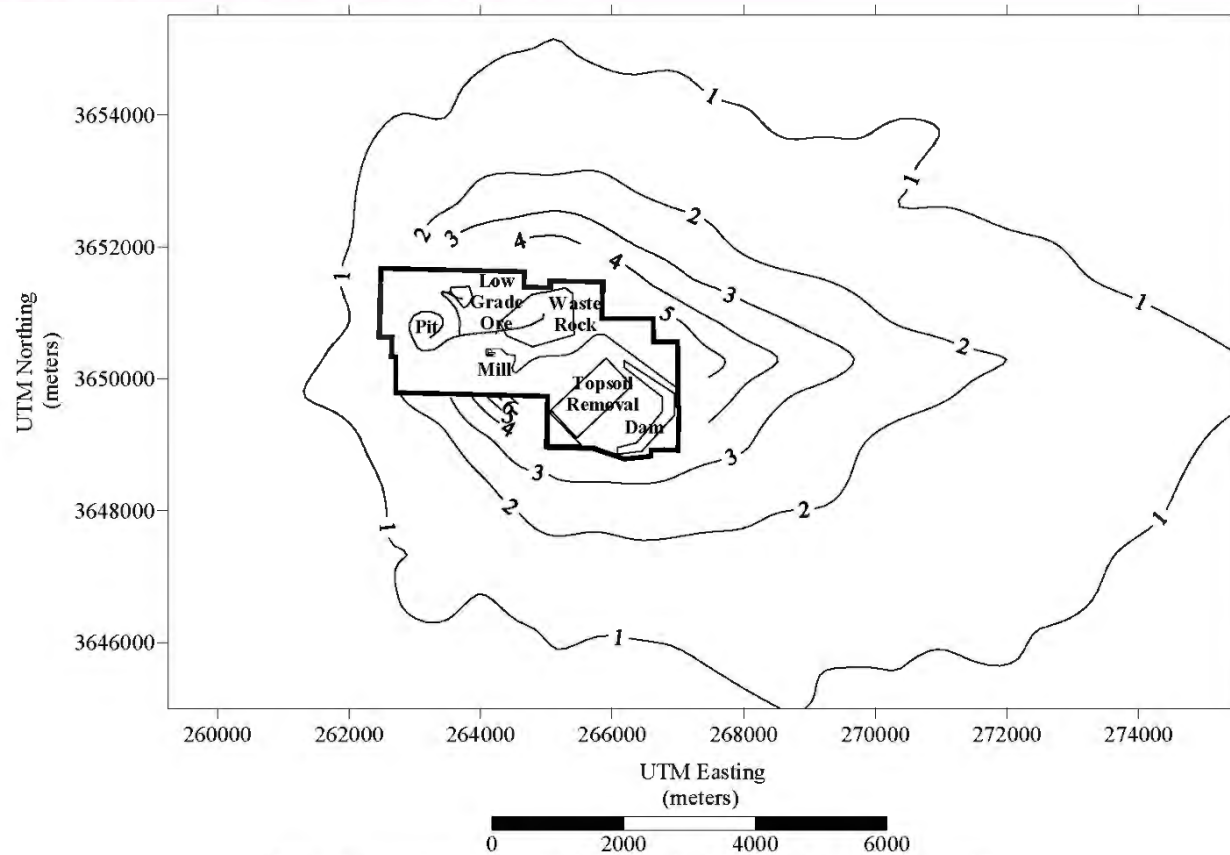


Figure 21: Isopleth of Copper Flat Mine's PM_{2.5} Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
24 Hour Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

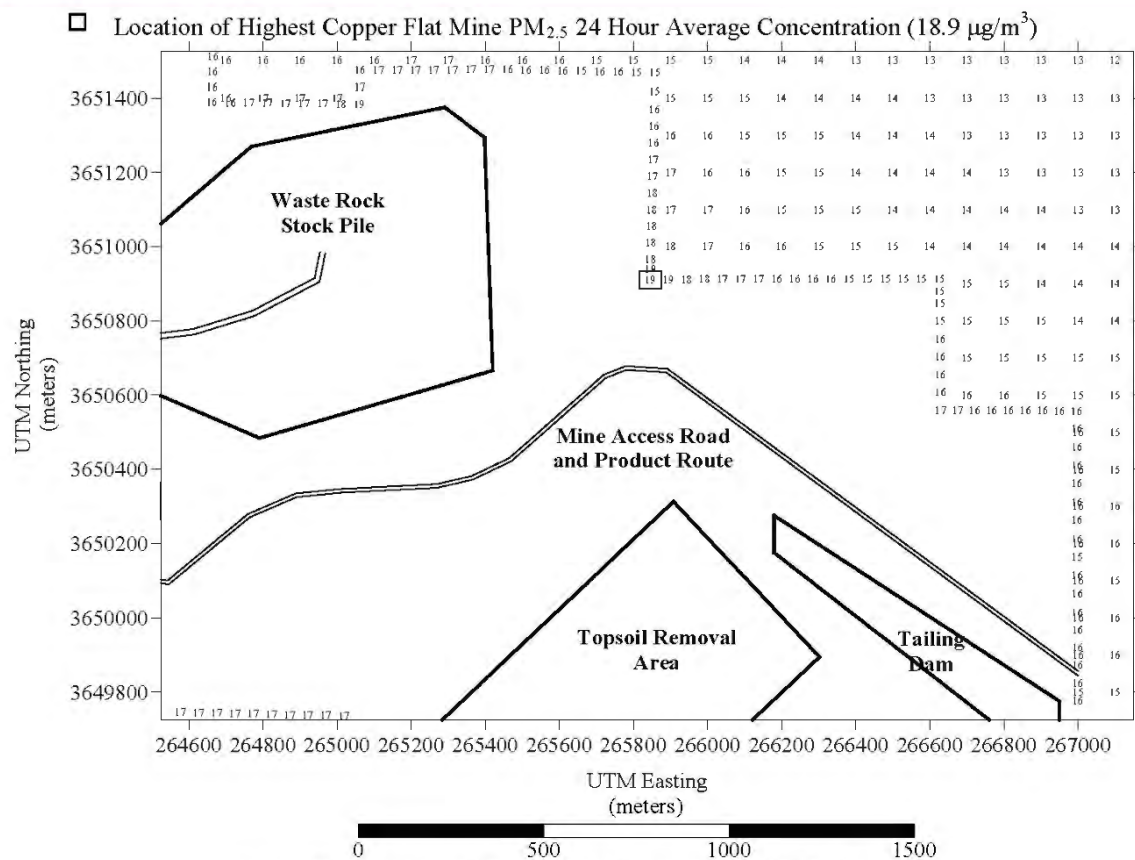


Figure 22: Copper Flat Mine's PM_{2.5} Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources plus Background
24 Hour Average (µg/m³)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

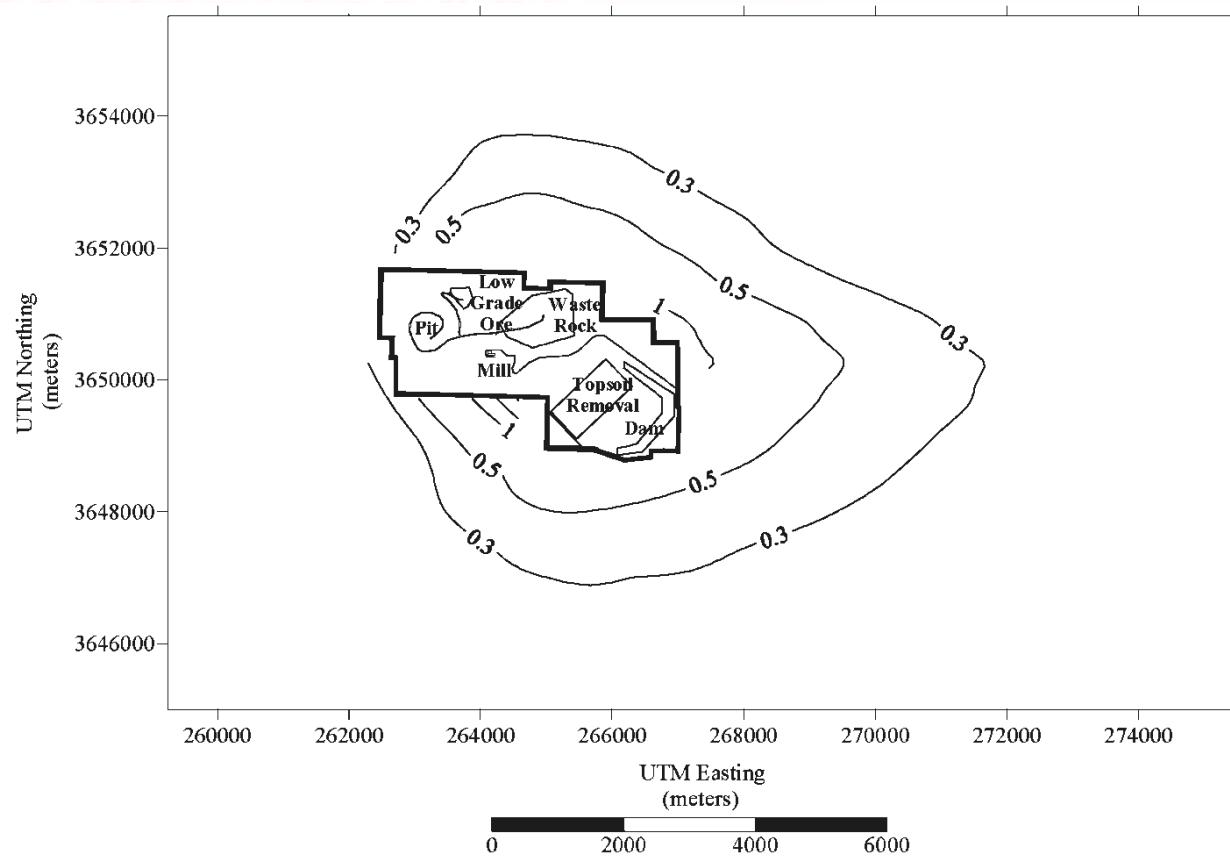


Figure 23: Isopleth of Copper Flat Mine's PM_{2.5} Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
Annual Average (µg/m³)

NMCC – Copper Flat Mine – Dispersion Model Report

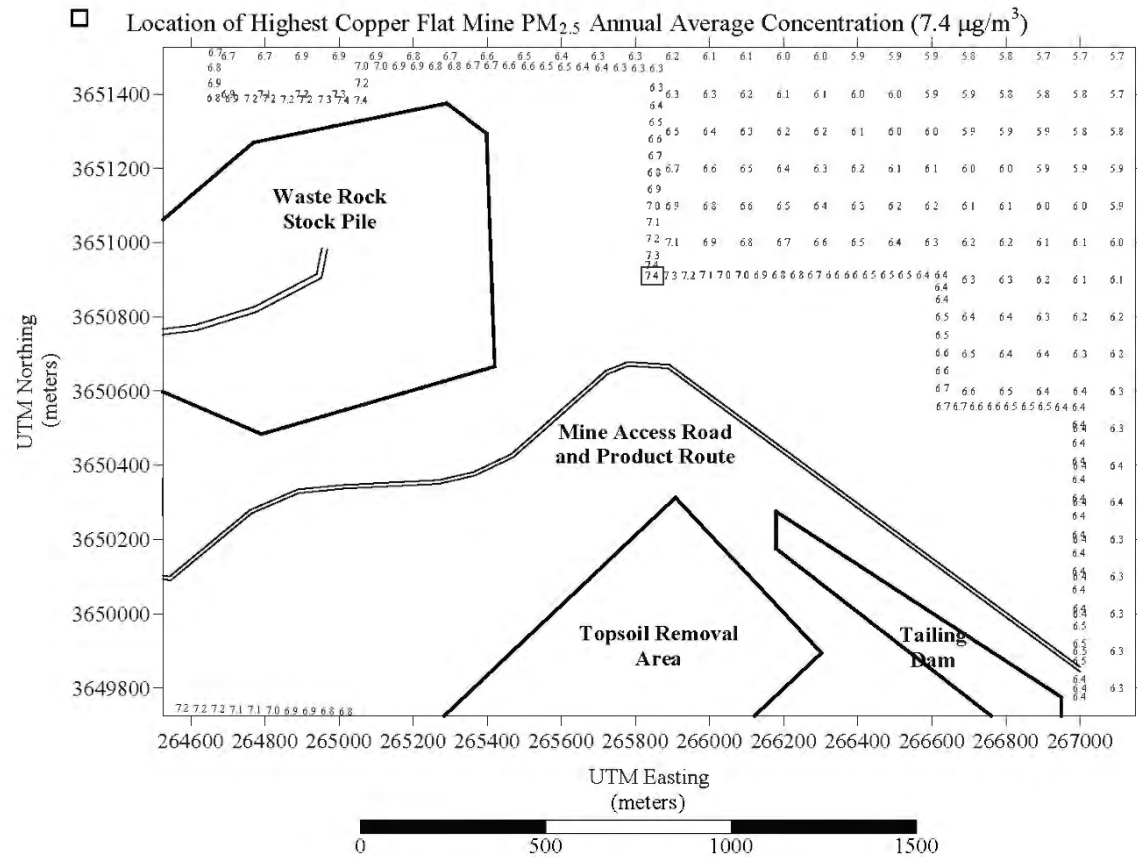


Figure 24: Copper Flat Mine's PM_{2.5} Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources plus Background
Annual Average (µg/m³)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

3.2.5 PM₁₀ Refined Modeling Analysis

PM₁₀ modeled emission rates were determined from a daily crusher and mill throughput of 25,000 tons per day for a maximum short-term rate. Dispersion modeling run for determining maximum PM₁₀ concentrations was run with plume depletion. PM₁₀ refined modeling was run with a receptor grid spacing of 50 meters along the facility boundary, 100 meter grid spacing for receptors extended to 1000 meter beyond the facility boundary, 250 meter grid spacing for receptors extended from 1000 meter to 3 kilometers beyond the facility boundaries, and 500 meter grid spacing for receptors extended from 3 kilometers to 4 kilometers beyond the facility boundaries. Receptors were generated using the model's self generating receptor option. Refined modeling was run in terrain mode using 7.5-minute DEM 10 meter resolution data to give a detailed characterization of the terrain throughout the region. A list of PM₁₀ neighboring sources from the NMED's AIRS database can be found in Appendix A.

Regional PM₁₀ background concentrations were added to the modeled results and compared to the lowest applicable ambient standard. The 24-hour background concentrations for PM₁₀ are presented in Section 2.7 of this report. PM₁₀ refined modeling show the maximum concentration for PM₁₀ is located on or near the northeast facility boundary for the 24 hour averaging period. Model results show no exceedance of federal PM₁₀ ambient air quality standards for the 24 hour averaging period. The maximum PM₁₀ model results are given below in Table 18. First and second highest 24 hour averages were taken from the maximum tables produced by the model.

The PM₁₀ model results are summarized in Figures 25 and 26 for the 24-hour averaging period. This model run was designated "NMCC Copper Flat Mine PM10 CIA". Complete model input and output files are included on the attached CD-R.

TABLE 18
Maximum Modeled PM₁₀ Impacts
NMCC's Copper Flat Mine and Significant Neighbors PM₁₀ Sources

	Concentration (µg/m ³)	Location UTMs E/N	Date	Hour
<u>24 Hour Average</u>				
1 st Highest	49.8	265845E,3650911N		24
2 nd Highest	49.3	265846E,3650939N		24

NMCC – Copper Flat Mine – Dispersion Model Report

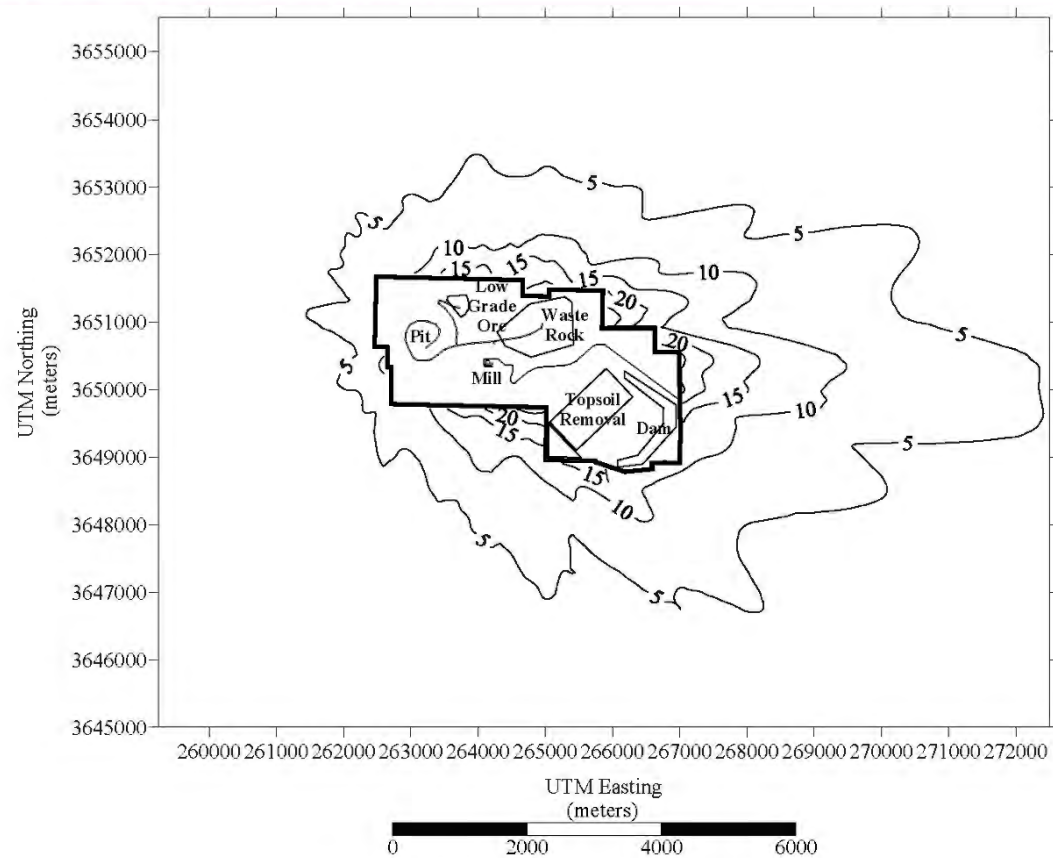


Figure 25: Isopleth of Copper Flat Mine's PM₁₀ Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
24 Hour Average (µg/m³)

NMCC – Copper Flat Mine – Dispersion Model Report

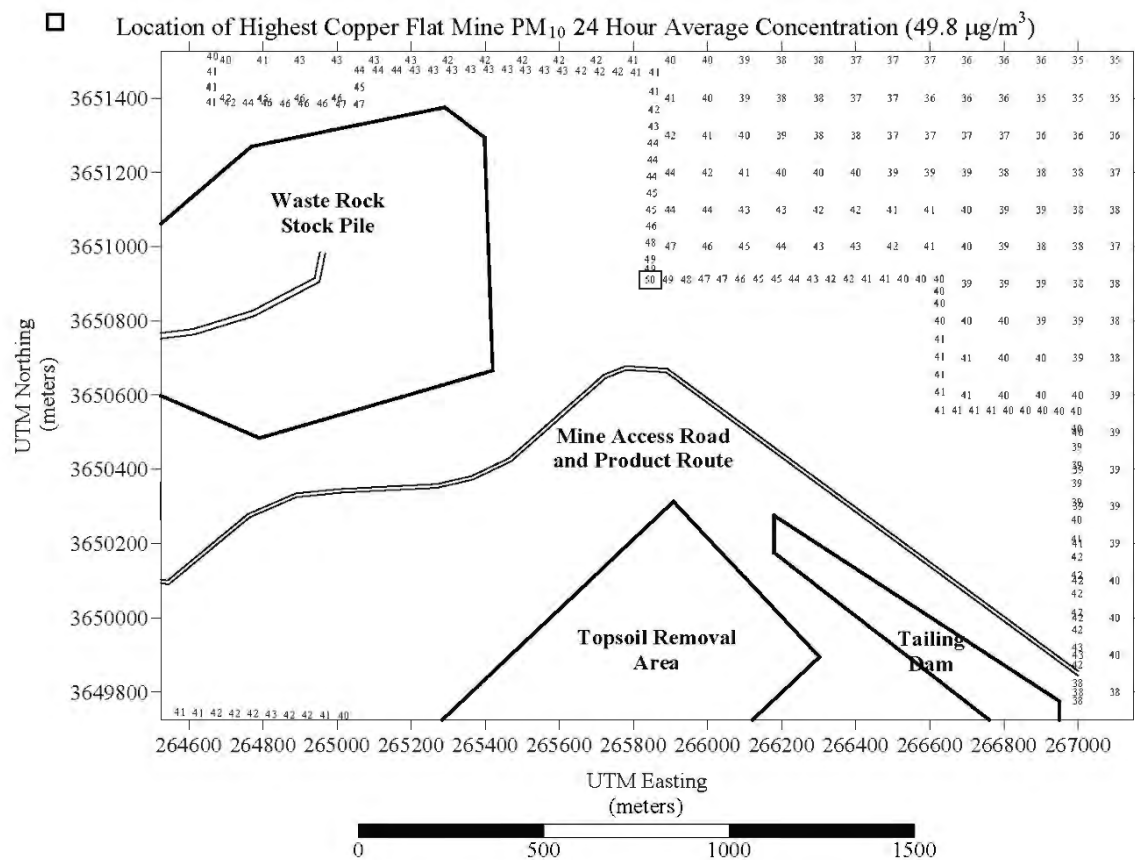


Figure 26: Copper Flat Mine PM₁₀ Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Source
24 Hour Average (µg/m³)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

3.2.6 TSP Refined Modeling Analysis

TSP modeled emission rates were determined from a daily crusher and mill throughput of 25,000 tons per day for a maximum short-term rate. Dispersion modeling run for determining maximum TSP concentrations was run with plume depletion. TSP refined modeling was run with a receptor grid spacing of 50 meters along the facility boundary, 100 meter grid spacing for receptors extended to 1000 meter beyond the facility boundary, 250 meter grid spacing for receptors extended from 1000 meter to 3 kilometers beyond the facility boundaries, and 500 meter grid spacing for receptors extended from 3 kilometers to 4 kilometers beyond the facility boundaries. Receptors were generated using the model's self generating receptor option. Refined modeling was run in terrain mode using 7.5-minute DEM 10 meter resolution data to give a detailed characterization of the terrain throughout the region. A list of TSP neighboring sources from the NMED's AIRS database can be found in Appendix A.

Regional TSP background concentrations were added to the modeled results and compared to the lowest applicable ambient standard. The 24-hour and annual background concentrations for TSP are presented in Section 2.7 of this report. TSP refined modeling show the maximum concentration for TSP is located on or near the northeast facility boundary for the 24 averaging period. TSP refined modeling show the maximum concentration for TSP is located on or near the north facility boundary for the monthly (30 day) and annual averaging periods. Model results show no exceedance of state TSP ambient air quality standards for the 24 hour, 30 day, or annual averaging periods. The maximum TSP model results are given below in Table 19. First and second highest 24 hour, monthly (30 day), and annual averages were taken from the maximum tables produced by the model.

The TSP model results are summarized in Figures 27 and 28 for the 24-hour averaging period, Figures 29 and 30 for the monthly (30 day) averaging period, and Figures 31 and 32 for the annual average. This model run was designated "NMCC Copper Flat Mine TSP CIA". Complete model input and output files are included on the attached CD-R.

NMCC – Copper Flat Mine – Dispersion Model Report

TABLE 19
Maximum Modeled TSP Impacts
NMCC's Copper Flat Mine and Significant Neighbors TSP Sources

	Concentration ($\mu\text{g}/\text{m}^3$)	Location UTMs E/N	Date	Hour
<u>24 Hour Average</u>				
1 st Highest	65.4	267000E,3649900N	11/28/11	24
2 nd Highest	64.3	265060E,3651383N	01/13/11	24
<u>Monthly Average</u>				
1 st Highest	50.1	265060E,3651383N	June	Monthly
2 nd Highest	49.7	265010E,3651384N	June	Monthly
<u>Annual Average</u>				
1 st Highest	9.5	265060E,3651383N		
2 nd Highest	9.1	265010E,3651384N		

NMCC – Copper Flat Mine – Dispersion Model Report

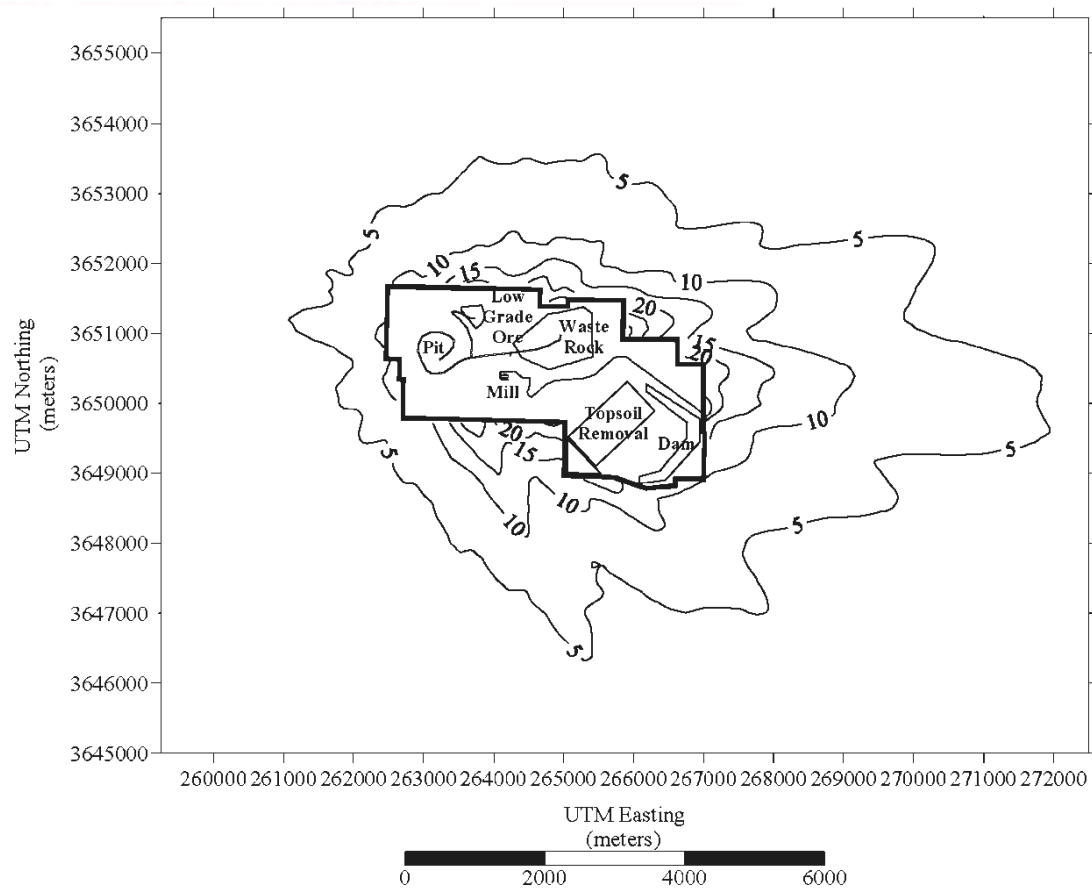


Figure 27: Isopleth of Copper Flat Mine's TSP Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
24 Hour Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

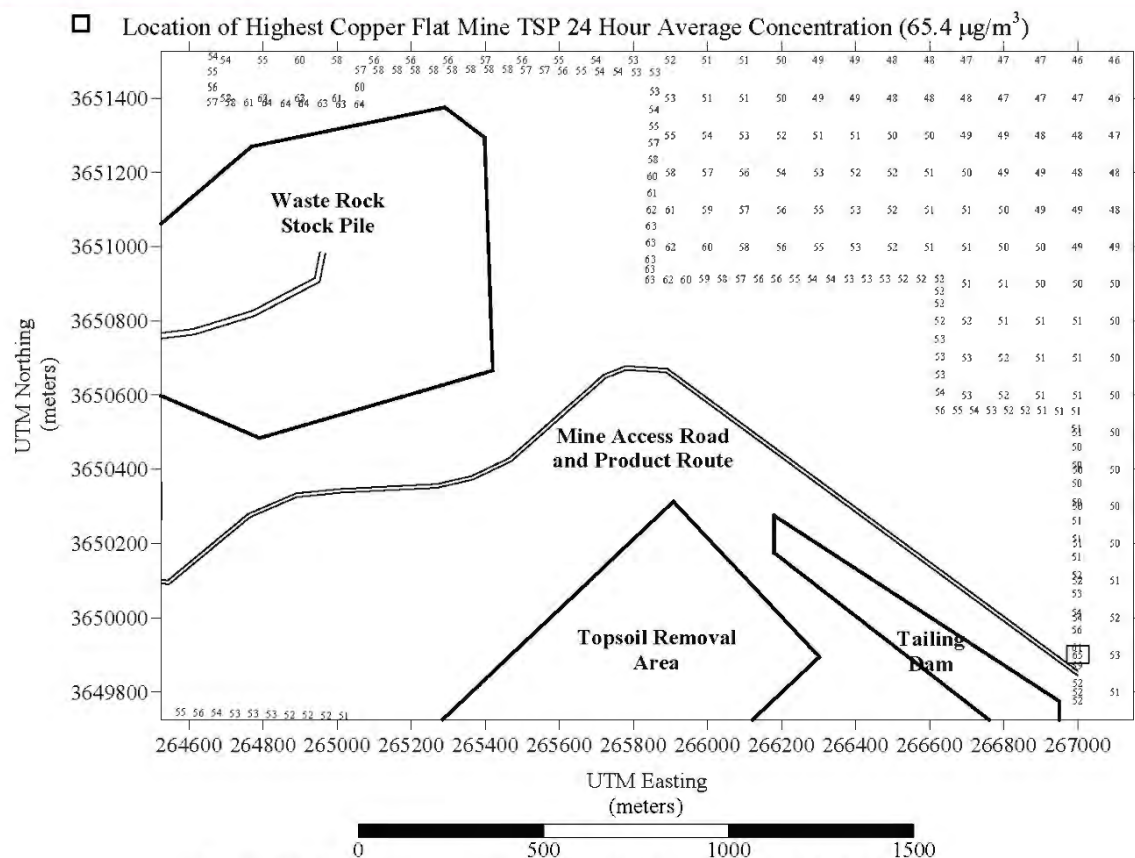


Figure 28: NMCC's Copper Flat Mine TSP Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
24 Hour Average ($\mu\text{g}/\text{m}^3$)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

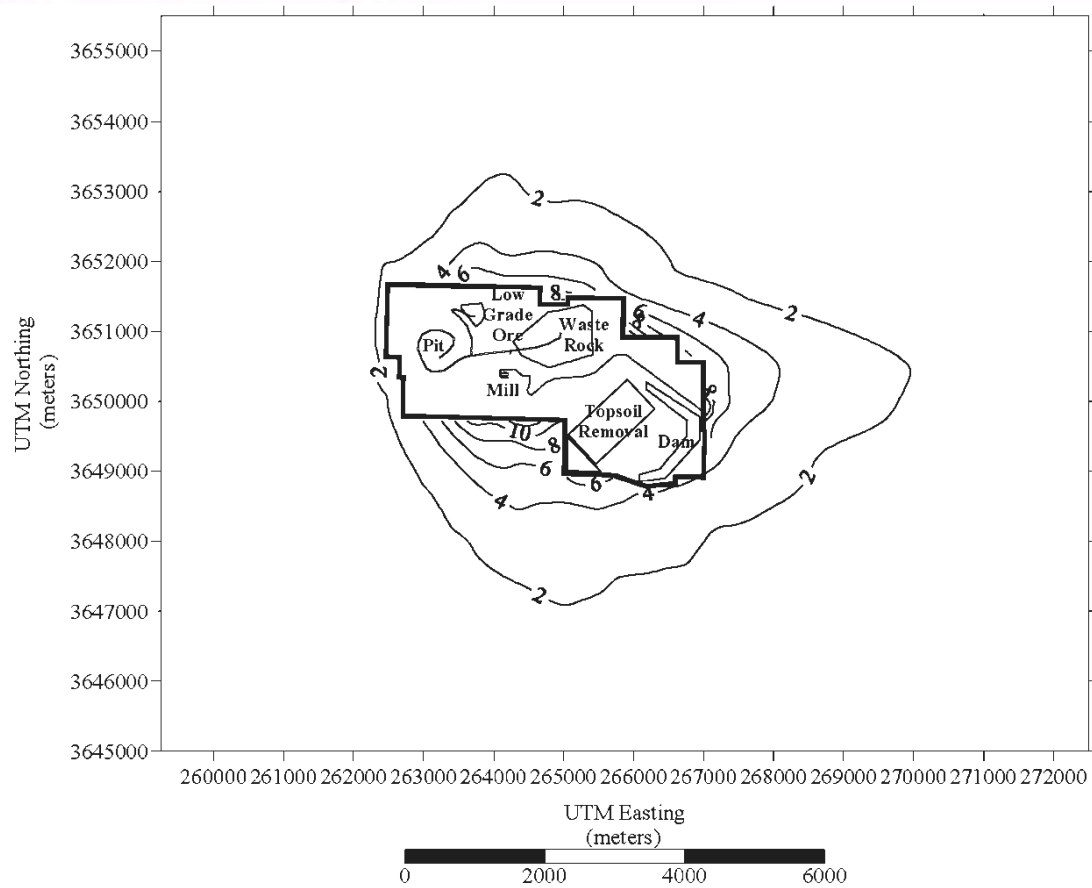


Figure 29: Isopleth of Copper Flat Mine's TSP Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
Monthly Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

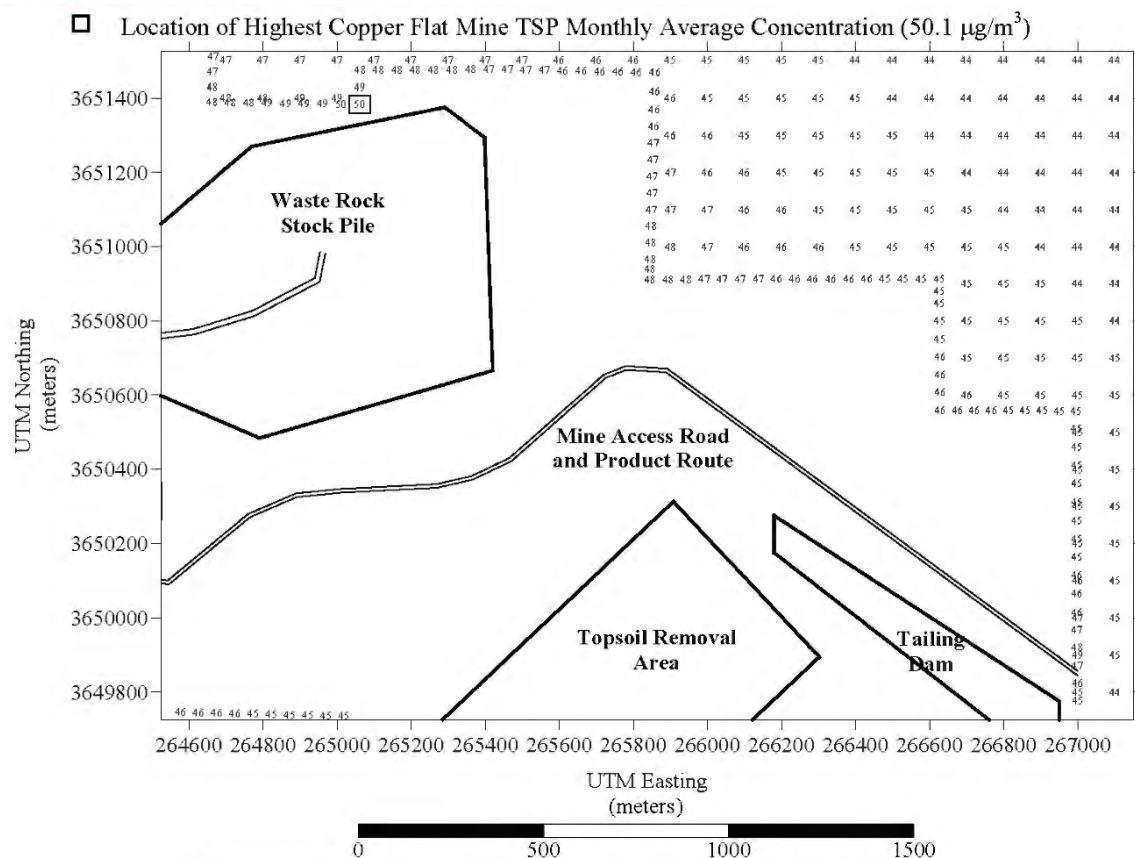


Figure 30: NMCC's Copper Flat Mine TSP Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
Monthly Average ($\mu\text{g}/\text{m}^3$)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

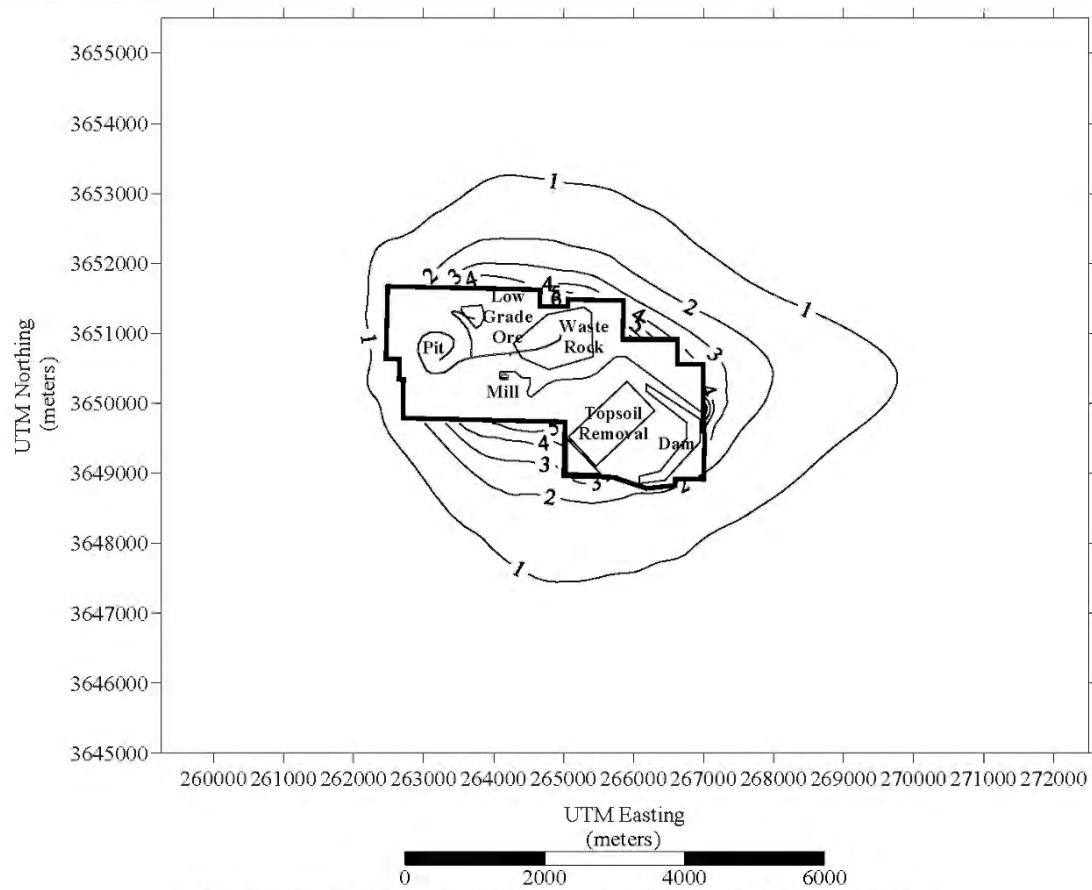


Figure 31: Isopleth of Copper Flat Mine's TSP Refined Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
Annual Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

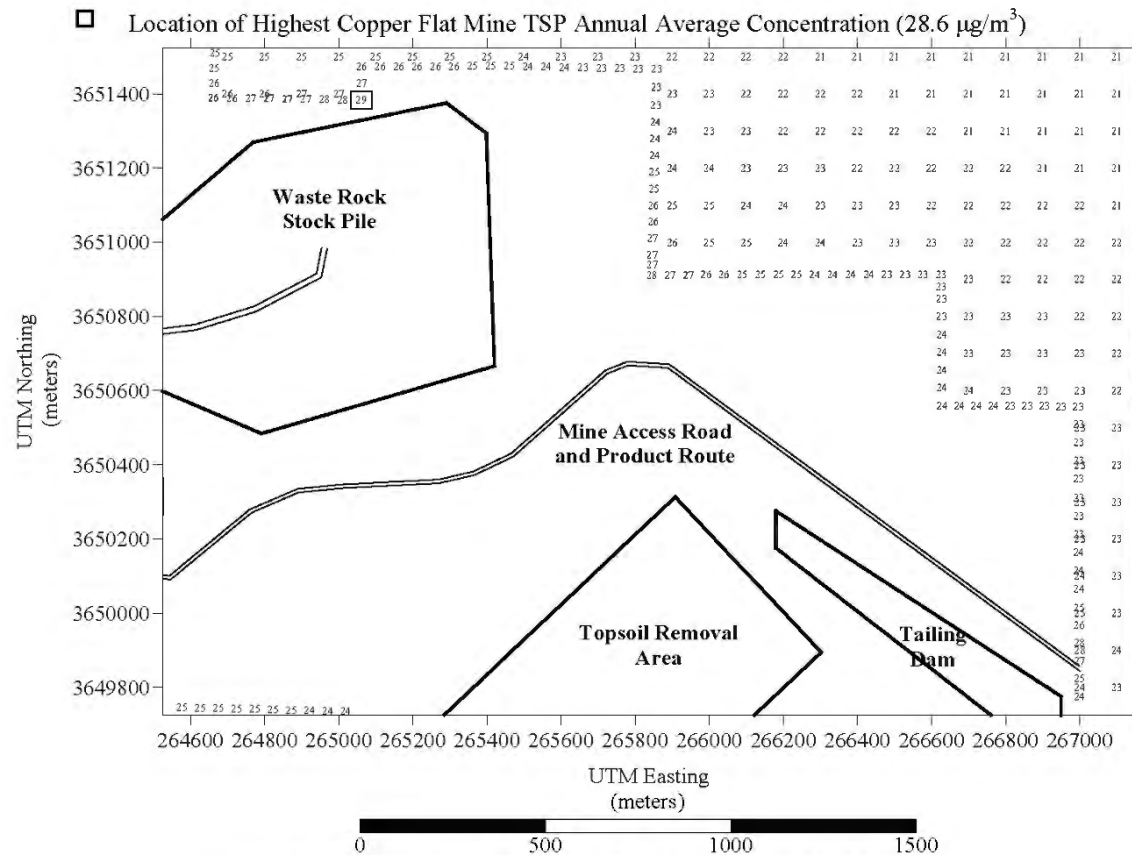


Figure 32: NMCC's Copper Flat Mine TSP Concentration Model Results
Copper Flat Mine Sources and Significant Neighboring Sources
Annual Average ($\mu\text{g}/\text{m}^3$)
(grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

3.3 CLASS 1 AND 2 INCREMENT CONSUMPTION ANALYSIS

NMCC's Copper Flat Mine is located in AQCR 153 where the minor source baseline has been triggered for NO₂ and PM₁₀. The minor source baseline date was established for NO₂ on March 26, 1997 and PM₁₀ on June 16, 2000 in the region (AQCR 153). CTS performed modeling analysis for NO₂ and PM₁₀ increment consumption for the NMCC's Copper Flat Mine. The nearest Class I area is Gila Wilderness Area at approximately 46 kilometers away. Both PSD Class I and II increment modeling was performed for this permit application. No model result, NO₂ or PM₁₀, were above EPA proposed SILs for Class 1 Areas, so no neighboring increment consumers were included.

3.3.1 NO₂ PSD Class I Increment Modeling Analysis

NO₂ Class I Increment modeling included the NMCC's Copper Flat Mine source (blasting) only. No model result for NO₂ was above EPA NO₂ proposed SILs for Class 1 Areas, so no neighboring increment consumers were included. NO₂ Class I Increment modeling was run with a receptor grid spacing of 50 meters along the Gila Wilderness Area boundary and 100 meters spacing within. Increment modeling was run in non-terrain mode. The maximum model results from the increment modeling are given below in Table 20. First highest annual averages were taken from the maximum tables produced by the model.

TABLE 20
Maximum Modeled NO₂ Class I Increment Impacts
NMCC's Copper Flat Mine Source Only

	Concentration (µg/m ³)	Location UTMs E/N	Date	Hour
<u>Annual Average</u>				
1 st Highest	0.0094	219066E,3669583N		

The model results are summarized in Figure 33 for the annual averaging period. The model run is designated "NMCC Copper Flat Mine NOX C1 Incre". Complete model input and output files are included on the enclosed CD.

NMCC – Copper Flat Mine – Dispersion Model Report

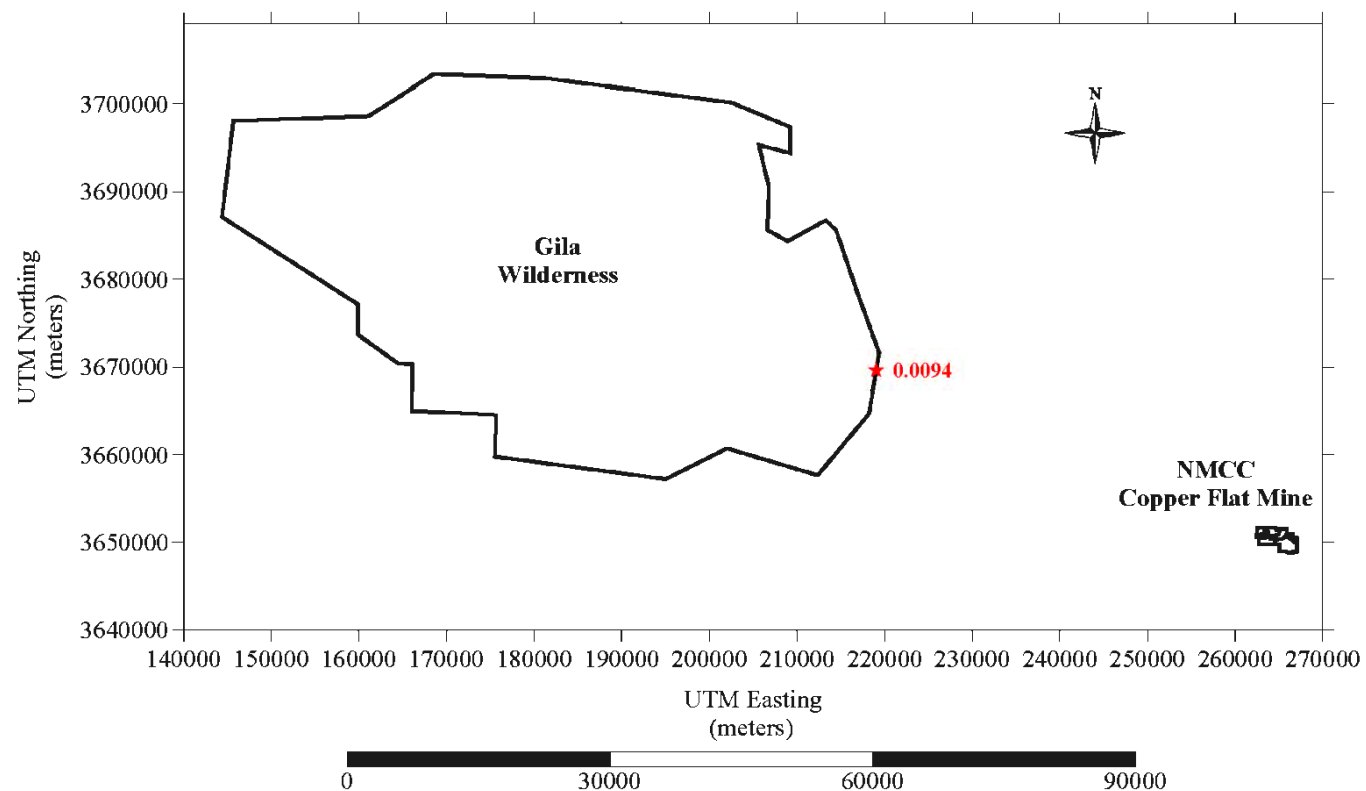


Figure 33: NMCC's Copper Flat Mine NO₂ Class I Increment Model Results
 NMCC's Copper Flat Mine Sources Only
 Annual Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

3.3.2 NO₂ PSD Class II Increment Modeling Analysis

NO₂ Class II Increment modeling included the NMCC's Copper Flat Mine source (blasting) and significant neighboring increment consuming sources. NO₂ Class II Increment modeling was run with a grid spacing of 50 meters along the facility boundary and 100 meters spacing out to 1000 meters beyond the facility boundary. Increment modeling was run in terrain mode. A list of NO₂ increment consuming neighboring sources within 65 kilometers from the NMED's AIRS database can be found in Appendix A. The maximum NO_x model results from the refined modeling are given below in Table 21. First highest annual averages were taken from the maximum tables produced by the model.

TABLE 21
Maximum Modeled NO₂ Class II Increment Impacts
NMCC's Copper Flat Mine plus Increment Consuming Neighboring Sources

	Concentration (µg/m ³)	Location UTMs E/N	Date	Hour
<u>Annual Average</u>				
1 st Highest	1.2	262656E,3659630N		

The model results are summarized in Figures 34 and 35 for the annual averaging period. The model run is designated "NMCC Copper Flat Mine NO_x C2 Incre". Complete model input and output files are included on the enclosed CD-R.

NMCC – Copper Flat Mine – Dispersion Model Report

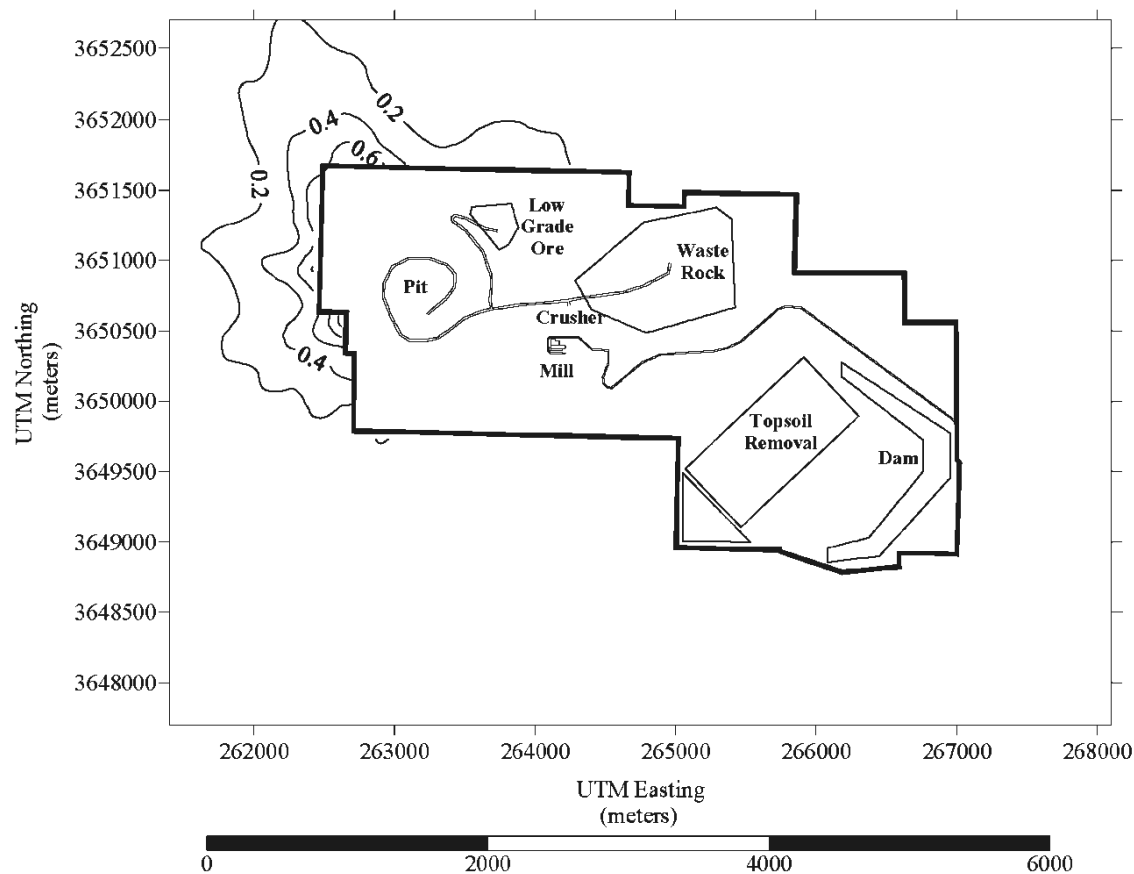


Figure 34: Isopleth of NMCC's Copper Flat Mine NO_2 Class II Increment Model Results
 NMCC's Copper Flat Mine plus Neighboring Increment Consuming Sources
 Annual Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

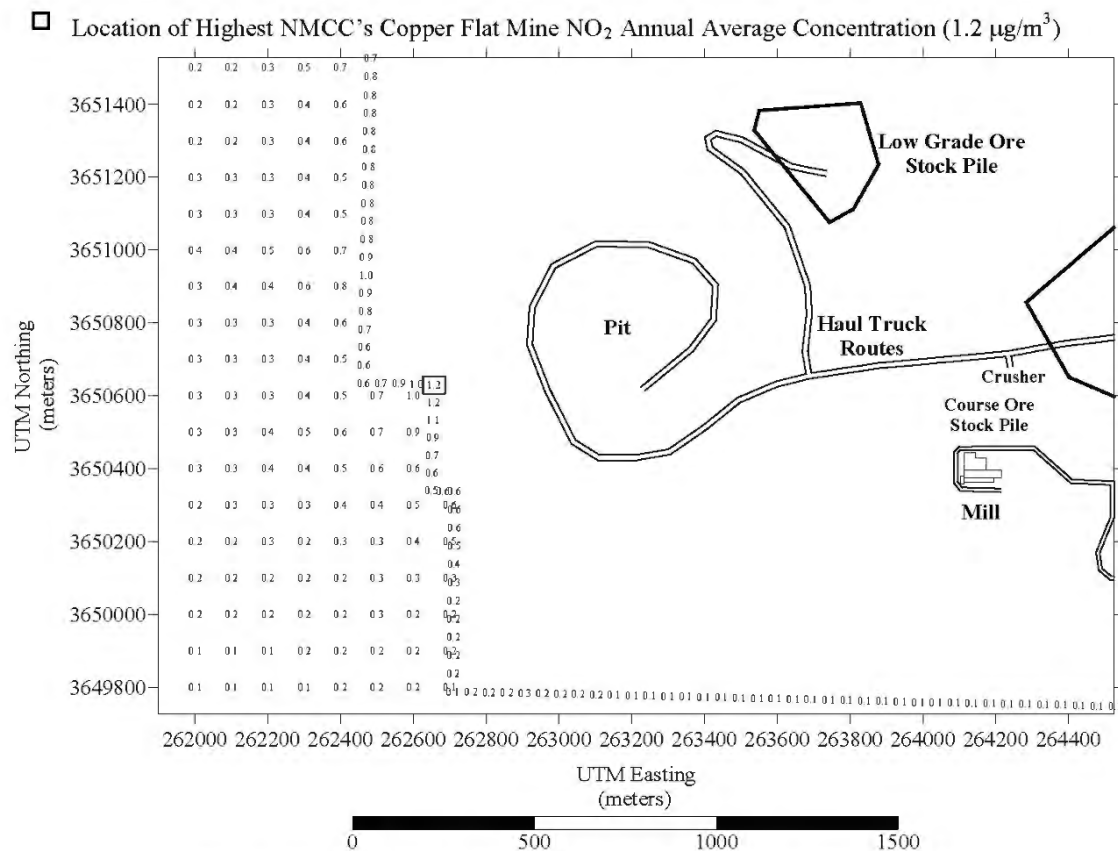


Figure 35: NMCC's Copper Flat Mine NO₂ Class II Increment Model Results
 NMCC's Copper Flat Mine plus Neighboring Increment Consuming Sources
 Annual Average (µg/m³)
 (grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

3.3.3 PM₁₀ PSD Class I Increment Modeling Analysis

PM₁₀ Class I Increment modeling included the NMCC's Copper Flat Mine particulate emitting source only. No model result for PM₁₀ was above the EPA proposed PM₁₀ SILs for Class I Areas, so no neighboring increment consumers were included. PM₁₀ Class I Increment modeling was run in plume depletion mode. PM₁₀ Class I Increment modeling was run with a receptor grid spacing of 50 meters along the Gila Wilderness Area boundary and 100 meters spacing within. Increment modeling was run in non-terrain mode. The maximum model results from the increment modeling are given below in Table 22. First highest 24 hour and annual averages were taken from the maximum tables produced by the model.

TABLE 22
Maximum Modeled PM₁₀ Class I Increment Impacts
NMCC's Copper Flat Mine Sources Only

	Concentration (µg/m³)	Location UTMs E/N	Date	Hour
<u>24 Hour Average</u>				
2 nd Highest	0.12	214127E,3659756N	05/04/11	24
<u>Annual Average</u>				
1 st Highest	0.0032	216469E,3662573N		

The model results are summarized in Figures 36 and 37 for the 24 hour and annual averaging periods. The model run is designated "NMCC Copper Flat Mine PM10 C1 Incre". Complete model input and output files are included on the enclosed CD-R.

NMCC – Copper Flat Mine – Dispersion Model Report

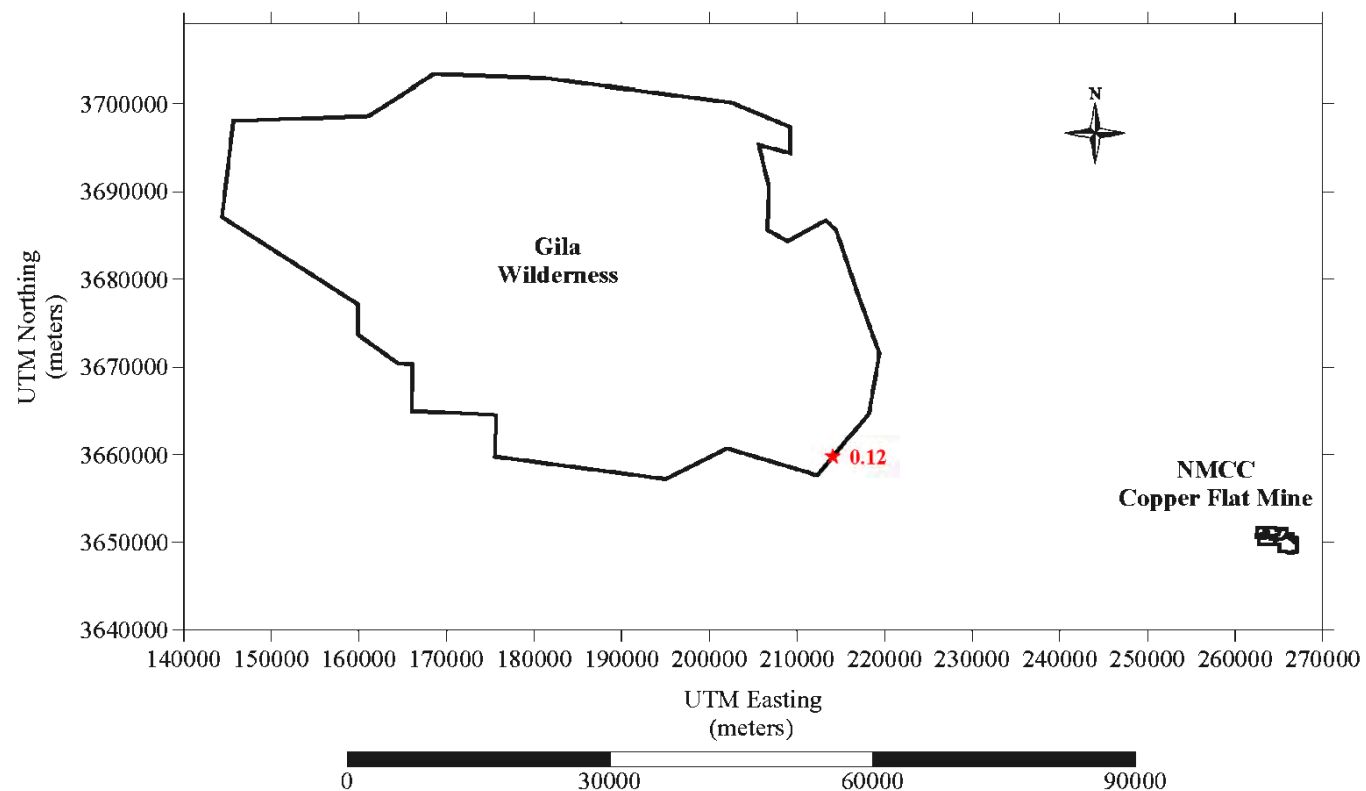


Figure 36: Isopleth of NMCC's Copper Flat Mine PM₁₀ Class I Increment Model Results
 NMCC's Copper Flat Mine Source Only
 24 Hour Average (µg/m³)

NMCC – Copper Flat Mine – Dispersion Model Report

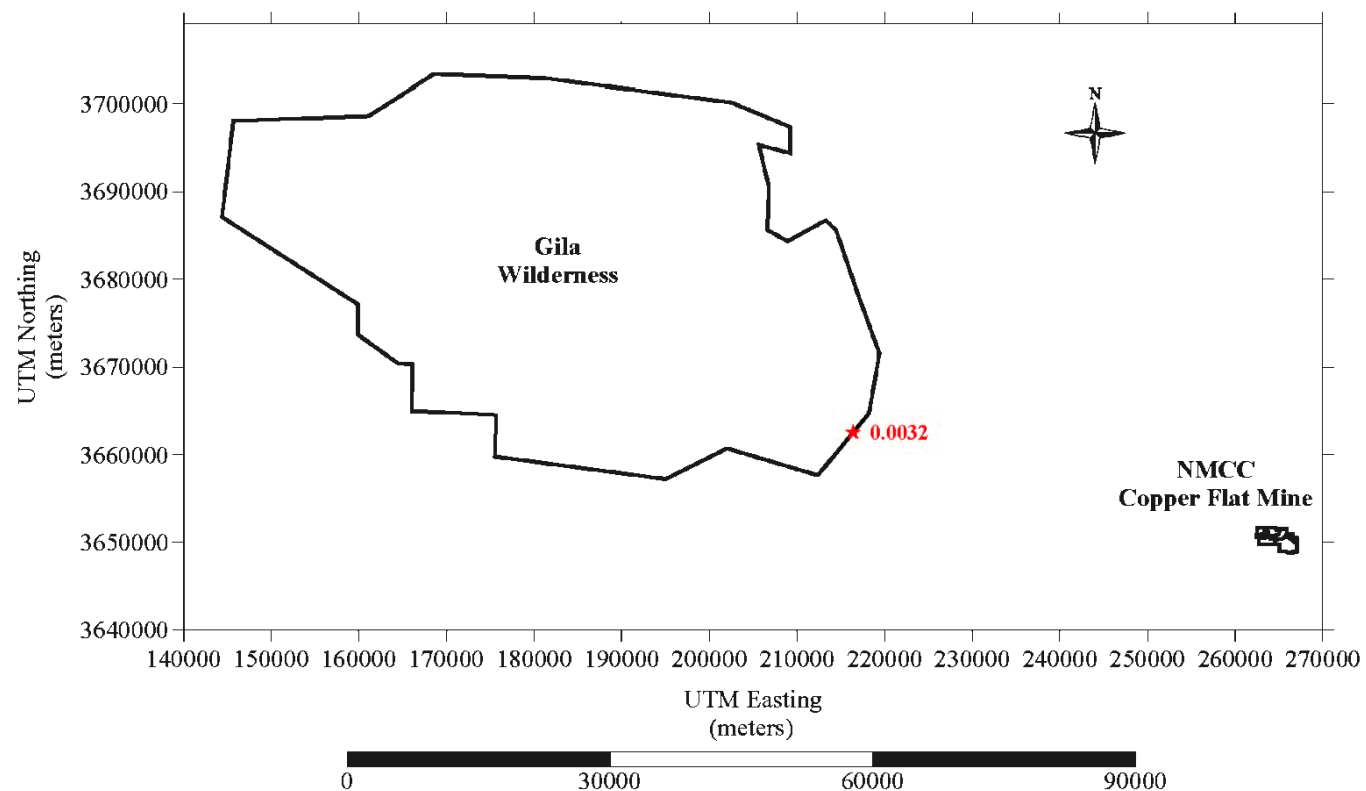


Figure 37: Isopleth of NMCC's Copper Flat Mine PM₁₀ Class I Increment Model Results
 NMCC's Copper Flat Mine Source Only
 Annual Average (µg/m³)

NMCC – Copper Flat Mine – Dispersion Model Report**3.3.4 PM₁₀ PSD Class II Increment Modeling Analysis**

PM₁₀ modeled increment consuming emission rates were determined from a daily crusher and mill throughput of 25,000 tons per day for a maximum short-term rate. Dispersion modeling run for determining maximum PM₁₀ increment was run with plume depletion. PM₁₀ increment modeling was run with a receptor grid spacing of 50 meters along the facility boundary, 100 meter grid spacing for receptors extended to 1000 meter beyond the facility boundary, 250 meter grid spacing for receptors extended from 1000 meter to 3 kilometers beyond the facility boundaries, and 500 meter grid spacing for receptors extended from 3 kilometers to 4 kilometers beyond the facility boundaries. Receptors were generated using the model's self generating receptor option. Increment modeling was run in terrain mode using 7.5-minute DEM 10 meter resolution data to give a detailed characterization of the terrain throughout the region. A list of PM₁₀ neighboring increment consuming sources from the NMED's AIRS database can be found in Appendix A.

PM₁₀ increment modeling show the maximum concentration is located on or near the northeast facility boundary for both the 24 hour and annual averaging periods. Model results show no exceedance of federal PSD Class II PM₁₀ increment standard for the 24 hour and annual averaging periods. The maximum PSD Class II PM₁₀ increment model results are given below in Table 23. The highest 2nd high 24 hour average and highest annual average were taken from the maximum tables produced by the model.

TABLE 23
Maximum Modeled PM₁₀ Class II Increment Impacts
NMCC's Copper Flat Mine Sources and Increment Consuming Neighboring Sources

	Concentration ($\mu\text{g}/\text{m}^3$)	Location UTMs E/N	Date	Hour
<u>24 Hour Average</u>				
High 2 nd Highest	29.9	265845E,3650911N	01/14/11	24
<u>Annual Average</u>				
1 st Highest	6.8	265845E,3650911N		

The PSD Class II PM₁₀ increment model results are summarized in Figures 38 and 39 for the 24-hour averaging period and Figures 40 and 41 for the annual averaging period. This model run was designated "NMCC Copper Flat Mine PM10 C2 Inere". Complete model input and output files are included on the attached CD-R.

NMCC – Copper Flat Mine – Dispersion Model Report

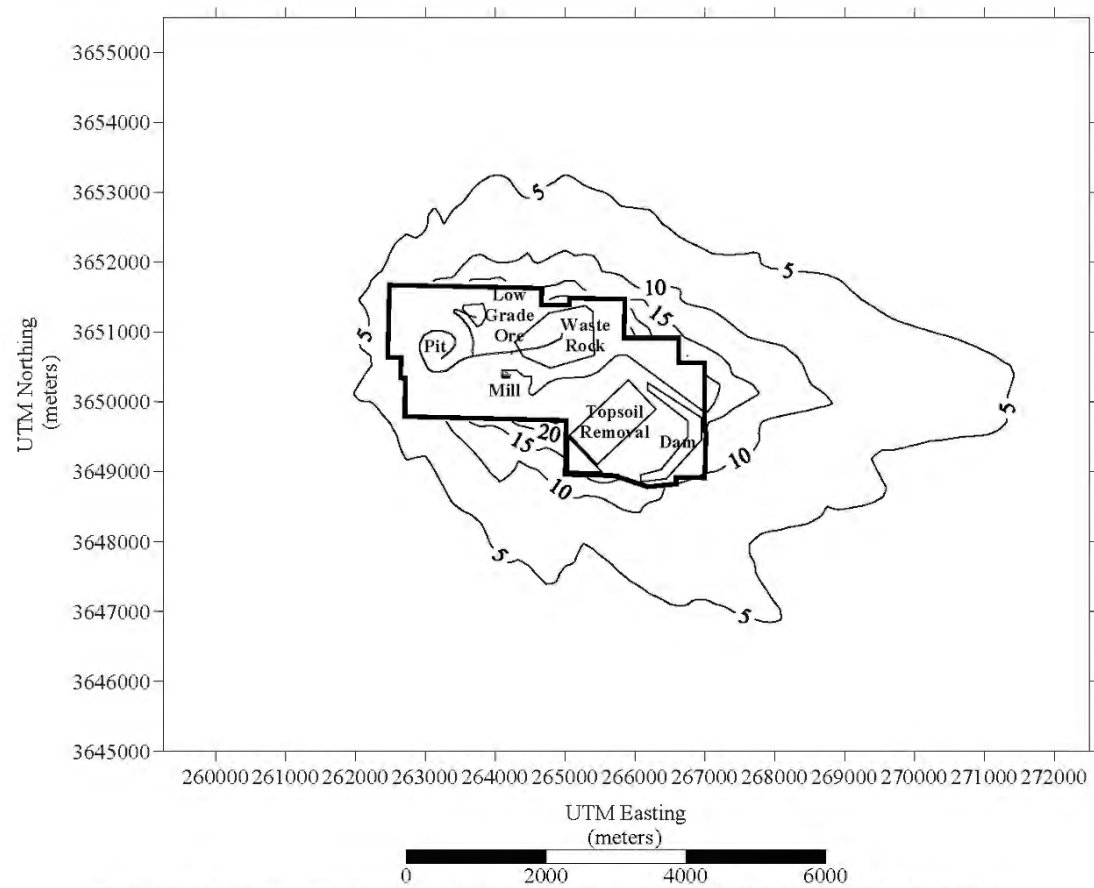


Figure 38: Isopleth of NMCC's Copper Flat Mine PM₁₀ Class II Increment Model Results
 NMCC's Copper Flat Mine plus Increment Consuming Neighboring Sources
 24 Hour Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

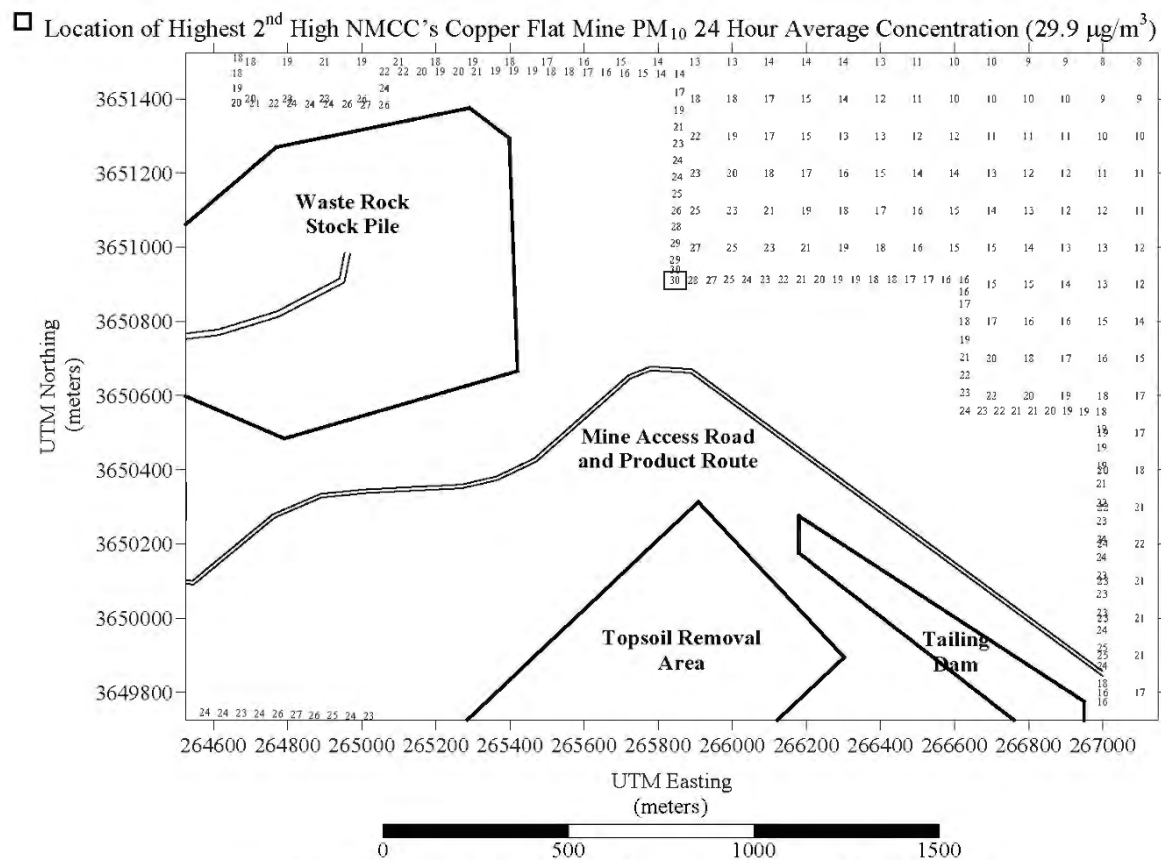


Figure 39: NMCC's Copper Flat Mine PM₁₀ Class II Increment Model Results
 NMCC's Copper Flat Mine plus Increment Consuming Neighboring Sources
 24 Hour Average (µg/m³)
 (grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report



Figure 40: Isopleth of NMCC's Copper Flat Mine PM₁₀ Class II Increment Model Results
 NMCC's Copper Flat Mine plus Increment Consuming Neighboring Sources
 Annual Average ($\mu\text{g}/\text{m}^3$)

NMCC – Copper Flat Mine – Dispersion Model Report

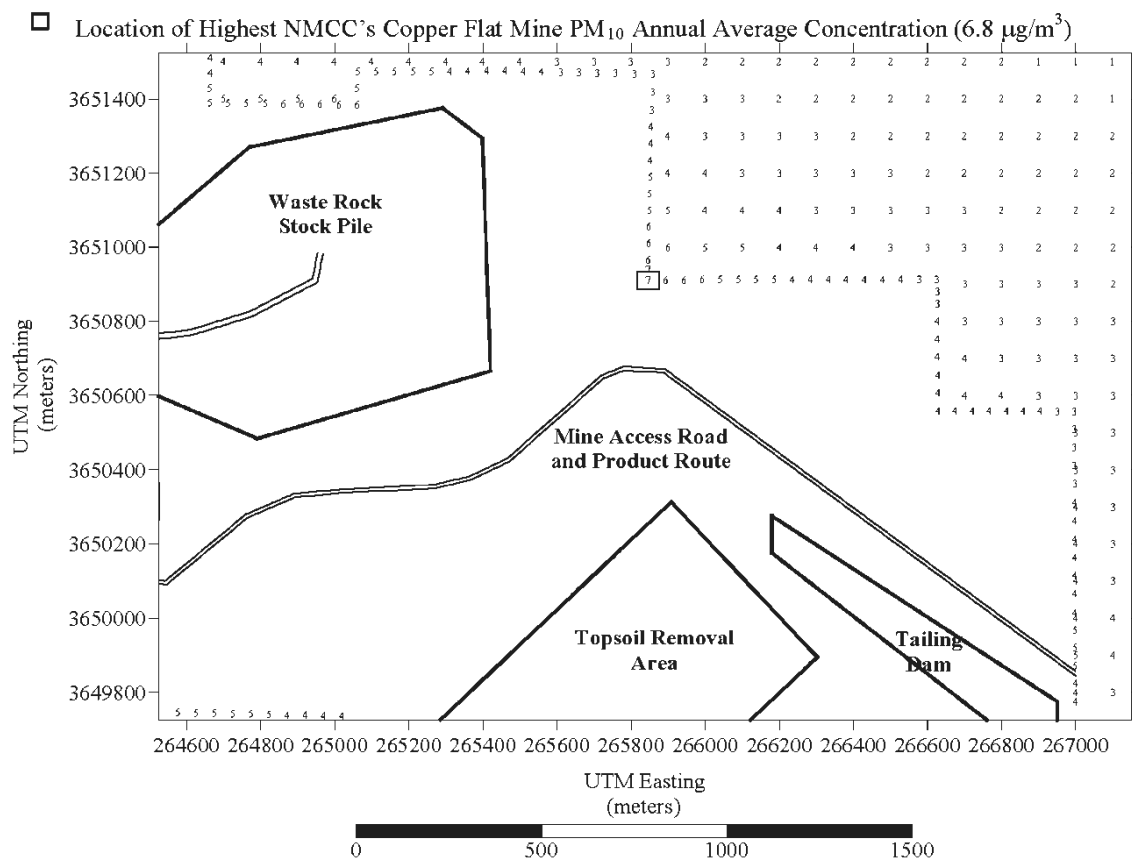


Figure 41: NMCC's Copper Flat Mine PM₁₀ Class II Increment Model Results
 NMCC's Copper Flat Mine plus Increment Consuming Neighboring Sources
 Annual Average (µg/m³)
 (grid location of maximum modeled concentration)

NMCC – Copper Flat Mine – Dispersion Model Report

4.0 REFERENCES

1. New Mexico Air Quality Bureau, Air Dispersion Modeling Guidelines, (Revised July 29, 2011). <http://www.nmenv.state.nm.us/aqb/modeling/modelingpubs.html>
2. AIR DISPERSION MODELING GUIDELINES For AIR QUALITY PERMITTING, City of Albuquerque, Environmental Health Department, Air Quality Division, Permitting & Technical Analysis Section (Revised 01/21/10).
<http://www.cabq.gov/airquality/dispersionmodelingguidelines.html>
3. Environmental Protection Agency, 40 CFR Part 51, Revision to the Guideline on Air Quality Models Appendix W: http://www.epa.gov/ttn/scram/guidance/guide/appw_05.pdf

Appendix A: List of Significant Neighboring Sources

SourceID	Stack Release Type	MASTER_AI_NAME	UTMH (m)	UTMV (m)	Elevation (m)	STACK HEIGHT (m)	EXHAUST TEMP (K)	STACK VELOCITY (m/s)	STACK DIA. (m)	CO gs	NO2 & NO2 incre. gs	SO2 gs
1943E2	Default	Granite Construction - 190TPH Concrete Batch Plant NOI 1419	252000	3641991	1787.6	3.048	873.15	39.624	0.100584	0.26573	1.14610	0.13731
1945E2	Default	Granite Construction - 450TPH Soil/Cement Plant NOI 1426	252000	3641991	1787.6	3.048	873.15	39.624	0.100584	0.26573	1.14610	0.13731

SourceID	Stack Release Type	MASTER_AI_NAME	UTMH (m)	UTMV (m)	Elevation (m)	STACK HEIGHT (m)	EXHAUST TEMP (K)	STACK VELOCITY (m/s)	STACK DIA. (m)	TSP gs	PM10 & PM10 Incre gs	PM2.5 gs
1943E2	Default	Granite Construction - 190TPH Concrete Batch Plant NOI 1419	252000	3641991	1787.6	3.048	873.15	39.624	0.100584	0.10419	0.10419	0.02605
1945E2	Default	Granite Construction - 450TPH Soil/Cement Plant NOI 1426	252000	3641991	1787.6	3.048	873.15	39.624	0.100584	0.10419	0.10419	0.02605



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CABINET SECRETARY-Designate

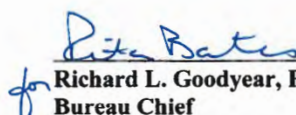
BUTCH TONGATE
DEPUTY SECRETARY

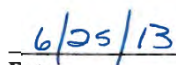
NEW SOURCE REVIEW PERMIT
Issued under 20.2.72 NMAC

Certified Mail No: 7011 3500 0003 5408 7628

Return Receipt Requested

NSR Permit No:	0365-M3
Facility Name:	Copper Flat Mine
Permittee Name:	New Mexico Copper Corporation
Mailing Address:	2424 Louisiana Blvd., NE, Suite 301 Albuquerque, New Mexico 87110
TEMPO/IDEA ID No:	1535-PRN201300001
AIRS No:	35-051-0013
Permitting Action:	Significant Permit Revision
Source Classification:	PSD Minor & Title V Minor
Facility Location:	32°57'59" N and 107°31'24" W
County:	Sierra
Air Quality Bureau Contact	Sam Speaker
Main AQB Phone No.	(505) 476-4300


for Richard L. Goodyear, PE
Bureau Chief
Air Quality Bureau


Date



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Richard L. Goodyear, PE
Bureau Chief
Air Quality Bureau

Date

TABLE OF CONTENTS

Part A	FACILITY SPECIFIC REQUIREMENTS	3
A100	Introduction.....	3
A101	Permit Duration (expiration).....	3
A102	Facility: Description.....	3
A103	Facility: Applicable Regulations.....	4
A104	Facility: Regulated Sources	5
A105	Facility: Control Equipment	7
A106	Facility: Allowable Emissions	7
A107	Facility: Allowable Startup, Shutdown, Maintenance, and Malfunctions(SSM&M).....	9
A108	Facility: Allowable Operations	9
A109	Facility: Reporting Schedules Not Applicable	9
A110	Facility: Fuel Sulfur Requirements – N/A	9
A111	Facility: 20.2.61 NMAC N/A	9
A112	Facility: Haul Roads	9
A113	Facility: Initial Location Requirements	11
A114	Facility: Relocation Requirements.....	11
A115	Alternative Operating Scenario.....	12
	EQUIPMENT SPECIFIC REQUIREMENTS	12
	Oil and Gas Industry	12
A200	Oil and Gas Industry	12
A300	Construction Industry - Aggregate.....	12
A400	Construction Industry Asphalt	12
A500	Construction Industry – Concrete	12
A600	Power Generation Industry	12
A700	Solid Waste Disposal (Landfills) Industry Not Required	12
A800	Miscellaneous Operations Introduction – Not Required	12
A801	Lime Silo.....	13
A802	Dust Collectors.....	14
A803	Moisture Content of Tailing Embankment Material.....	14
A804	Moisture Content of Copper Concentrate	15
A805	Raw Ore Surge Bin (Unit S6).....	15
A806	Stacker Conveyor - Course Ore Pile (Unit S10).....	16
A807	Bulldozer Activity (Unit S5, S11, S22, S24 and S25).....	16
A808	Conveyor Drop into Wet SAG Mill (Unit S14).....	16
A809	Unit S18 shall be within a Full Enclosure. Copper Concentrate Conveyor.....	17
A810	Unit S20 shall be enclosed within a structure that has at least three wall (¾ enclose). 17	
A811	Tailing Storage Area Scraper Activity.....	17
A812	Fugitive Dust Plan.....	17
A813	40 CFR 60 Subpart LL.....	18
A814	Blasting (Unit S2)	18

Part B	GENERAL CONDITIONS	19
B100	Introduction	19
B101	Legal	19
B102	Authority	20
B103	Annual Fee	20
B104	Appeal Procedures	21
B105	Submittal of Reports and Certifications	21
B106	NSPS and/or MACT Startup, Shutdown, and Malfunction Operations	21
B107	Startup, Shutdown, and Maintenance Operations	22
B108	General Monitoring Requirements	22
B109	General Recordkeeping Requirements	24
B110	General Reporting Requirements	25
B111	General Testing Requirements	26
B112	Compliance	29
B113	Permit Cancellation and Revocation	29
B114	Notification to Subsequent Owners	30
B115	Asbestos Demolition	30
B116	Short Term Engine Replacement	30
Part C	MISCELLANEOUS	33
C100	Supporting On-Line Documents	33
C101	Definitions	33
C102	Acronyms	35

PART A FACILITY SPECIFIC REQUIREMENTS

A100 Introduction

- A. Permit 0365-M3 is a new permit for a new facility located at the old mine site. Permit 0365-M2 was closed on October 16, 2001. There are no existing structures or activities located at this site.

A101 Permit Duration (expiration)

- A. The term of this permit is permanent unless withdrawn or cancelled by the Department.

A102 Facility: Description

- A. The function of the facility is to remove overburden material, mine copper ore, process the ore through a crushing and concentrator flotation circuit, transport the concentrate off site, and dispose of the mine tailing onsite.

NSR Permit No. 0365-M3

Page 4 of 37

- B. This facility is located approximately 4.2 miles northeast of Hillsboro, New Mexico in Sierra County.
- C. [Table 102.A](#) and [Table 102.B](#) show the total potential emissions from this facility for information only, not an enforceable condition, excluding exempt sources or activities.

Table 102.A: Total Potential Criteria Pollutant Emissions from Entire Facility

Pollutant	Emissions (tons per year)
Nitrogen Oxides (NO _x)	54.0
Carbon Monoxide (CO)	214.0
Sulfur Dioxide (SO ₂)	6.4
Total Suspended Particulates (TSP)	657
Particulate Matter less than 10 microns (PM ₁₀)	222
Particulate Matter less than 2.5 microns (PM _{2.5})	48

Table 102.B: Total Potential HAPS that exceed 1.0 ton per year

Pollutant	Emissions (tons per year)
Total HAPs**	None Listed

* HAP emissions are already included in the VOC emission total.

** The total HAP emissions may not agree with the sum of individual HAPs because only individual HAPs greater than 1.0 tons per year are listed here.

A103 Facility: Applicable Regulations

- A. The permittee shall comply with all applicable sections of the requirements listed in [Table 103.A](#).

Table 103.A: Applicable Requirements

Applicable Requirements	Federally Enforceable	Unit No.
20.2.1 NMAC General Provisions	X	Facility
20.2.3 NMAC Ambient Air Quality Standards	X	Facility
20.2.7 NMAC Excess Emissions	X	Facility
20.2.61 NMAC Smoke and Visible Emissions	X	EG1 ⁺ and EG2 ⁺
20.2.72 NMAC Construction Permit	X	Facility
20.2.73 NMAC Notice of Intent and Emissions Inventory Requirements	X	Facility
20.2.75 NMAC Construction Permit Fees	X	Facility
20.2.77 NMAC New Source Performance	X	S7, S8, S9, S10, S12, S13, S14, S16, 17, S19, S19, S20, EG1 ⁺ , and EG2 ⁺
20.2.82 NMAC MACT Standards for Source Categories of HAPS	X	EG1 ⁺ and EG2 ⁺

Applicable Requirements	Federally Enforceable	Unit No.
40 CFR 50 National Ambient Air Quality Standards	X	Facility
40 CFR 60, Subpart A, General Provisions	X	EG1 ⁺ , EG2 ⁺ and LL Sources
40 CFR 60, Subpart I.L.	X	I.L. Sources (S7, S8, S9, S10, S12, S13, S14, S16, 17, S19, S19, and S20)
40 CFR 60, Subpart IIII	X	EG1 ⁺ and EG2 ⁺
40 CFR 63, Subpart A, General Provisions	X	EG1 ⁺ and EG2 ⁺
40 CFR 63, Subpart ZZZZ	X	EG1 ⁺ and EG2 ⁺

- Note: EG1 and EG2 are exempt equipment and not otherwise regulated in this permitting action.

A104 Facility: Regulated Sources

- A. Table 104 lists the emission units authorized for this facility. Emission units identified as exempt activities (as defined in 20.2.72.202 NMAC) and/or equipment not regulated pursuant to the Act are not included.

Table 104: Regulated Sources List

Unit No.	Source Description	Make Model	Serial No.	Manufacture Date	Capacity	Other
S1	Open Pit - Drilling	NA	NA	NA	29,000 Hole/Yr	Uncontrolled
S2	Open Pit - Blasting	NA	NA	NA	290 Blasts/Yr	Uncontrolled
S3	Prill Storage Silo	NA	NA	NA	3650 Tons/Yr	Uncontrolled
S4	Open Pit - Haul Truck Loading	NA	NA	NA	15,042,000 TPY	Uncontrolled
S5	Open Pit - Bulldozing	NA	NA	NA	8760 Hour/Yr	Uncontrolled
S6	Raw Ore Surge Bin	TBD	TBD	TBD	9,125,000 TPY	Water Sprays
S7	Surge Bin Apron Feeder	TBD	TBD	TBD	9,125,000 TPY	Primary Crusher Vault Dust Collector
S8	Primary Crusher	TBD	TBD	TBD	9,125,000 TPY	
S9	Primary Crusher Apron Conveyor	TBD	TBD	TBD	9,125,000 TPY	
S10	Stacker Conveyor - Course Ore Pile	TBD	TBD	TBD	9,125,000 TPY	Water Sprays
S11	Course Ore Pile - Bulldozer	TBD	TBD	TBD	9,125,000 TPY	Water
S12	Course Ore Pile Reclaimer	TBD	TBD	TBD	9,125,000 TPY	Reclaimer Vault Dust Collector
S13	Reclaimer Conveyor	TBD	TBD	TBD	9,125,000 TPY	

Unit No.	Source Description	Make Model	Serial No.	Manufacture Date	Capacity	Other
S14	Conveyor Drop into Wet Mill	TBD	TBD	TBD	9,125,000 TPY	Water Sprays & Enclosure
S15	Lime Silo	TBD	TBD	TBD	10,950 TPY	Lime Silo – Dust Collector
S16	Molybdenum Conveyor	TBD	TBD	TBD	930 TPY	Molybdenum Mill Area Dust Collector
S17	Molybdenum Bagger	TBD	TBD	TBD	930 TPY	
S19	Truck Loading - Molybdenum	NA	NA	NA	930 TPY	
S18	Copper Concentrate Conveyor	TBD	TBD	TBD	100,700 TPY	Full Enclosure
S20	Truck Loading - Copper Concentrate	NA	NA	NA	100,700 TPY	¾ Enclosure
S21	Truck Unloading - Low Grade Ore	NA	NA	NA	267,000 TPY	Uncontrolled
S22	Bulldozer - Low Grade Ore Stockpile	NA	NA	NA	5840 Hour/Yr	Uncontrolled
S23	Truck Unloading - Waste Dump Stockpile	NA	NA	NA	5,650,000 TPY	Uncontrolled
S24	Bulldozer - Waste Dump Stockpile	NA	NA	NA	8760 Hour/Yr	Uncontrolled
S25	Bulldozer - Tailings Dam Area	NA	NA	NA	8760 Hour/Yr	Uncontrolled
S29	Truck Traffic - Mine Haul Trucks/Light Vehicles	NA	NA	NA	610,649 Mile/Yr	Haul Road Watering
S30	Truck Traffic - Product/Chemical Delivery Trucks	NA	NA	NA	22,073 Mile/Yr	Haul Road Watering
S31	Mine Road Grader	NA	NA	NA	5000 Hour/Yr	Uncontrolled
S32	Wind Erosion - Course Ore Pile	NA	NA	NA	1.2 Acres	Uncontrolled
S33	Wind Erosion - Open Pit Area	NA	NA	NA	169 Acres	Uncontrolled
S34	Wind Erosion - Low Grade Ore Stockpile Area	NA	NA	NA	68 Acres	Uncontrolled

NSR Permit No. 0365-M3

Page 7 of 37

Unit No.	Source Description	Make Model	Serial No.	Manufacture Date	Capacity	Other
S35	Wind Erosion - Waste Dump Stockpile Area	NA	NA	NA	210 Acres	Uncontrolled
S36	Wind Erosion - Tailings Area	NA	NA	NA	547 Acres	Uncontrolled

1. All TBD (to be determined) units and like-kind engine replacements must be evaluated for applicability to NSPS and NESHAP requirements.

A105 Facility: Control Equipment

- A. **Table 105** lists all the pollution control equipment required for this facility. Each emission point is identified by the same number that was assigned to it in the permit application.

Table 105: Control Equipment List:

Control Equipment Unit No.	Control Description	Pollutant being controlled	Control for Unit Number(s) ¹
1	Water/Chemical Suppressant Sprays	PM	S6
2	Primary Crusher Vault Particulate Dust Collector	PM	S7, S8, S9
3	Water/Chemical Suppressant Sprays	PM	S10
4	Water/Chemical Moisture Content	PM	S11
5	Coruse Ore Reclaimer Particulate Dust Collector	PM	S12 and S13
6	Passive Full Enclosure & Water Sprays	PM	S14
7	Lime Silo Particulate Dust Collector	PM	S15
8	Molybdenum Mill Area Particulate Dust Collector	PM	S16, S17, S19
9	Copper Concentrate Storage Pile Passive Full Enclosure	PM	S18
10	Copper Concentrate Truck Loading Passive 3/4 Enclosure	PM	S20
12	Haul Truck/Light Vehicle Haul Road Dust Control	PM	S29
13	Product/Chemical Delivery Access Road Dust Control	PM	S30

1. Control for unit number refers to a unit number from the Regulated Equipment List

A106 Facility: Allowable Emissions

- A. The following Section lists the emission units and their allowable emission limits. (40 CFR 50, 40 CFR 60, Subparts A and XYZ, 20.2.72.210.A and B.1 NMAC).

Table 106.A: Allowable Emissions

Unit No.	NO _x ¹ pph	NO _x ¹ tpy	CO pph	CO tpy	VOC pph	VOC tpy	SO ₂ pph	SO ₂ tpy	TSP pph	TSP tpy	PM ₁₀ pph	PM ₁₀ tpy	PM _{2.5} pph	PM _{2.5} tpy
S1	-	-	-	-	-	-	-	-	5.4	19	2.8	9.9	<	2.0
S2	374	54	1474	214	-	-	44	6.4	54	2.3	28	1.2	1.6	<
S3	-	-	-	-	-	-	-	-	<	<	<	<	<	<
S4	-	-	-	-	-	-	-	-	10	44	4.7	21	<	3.1
S5	-	-	-	-	-	-	-	-	21	41	4.5	8.9	2.2	4.3
S6	-	-	-	-	-	-	-	-	1.5	6.7	0.72	3.2	<	0.48
Primary Crusher Vault Dust Collector														
S7	-	-	-	-	-	-	-	-	1.0	4.5	1.0	4.5	1.0	4.5
S8	-	-	-	-	-	-	-	-						
S9	-	-	-	-	-	-	-	-						
S10	-	-	-	-	-	-	-	-	1.5	6.7	0.7	3.2	<	0.48
S11	-	-	-	-	-	-	-	-	15	21	3.1	4.5	1.50	2.2
Reclaimer Vault Dust Collector														
S12	-	-	-	-	-	-	-	-	1.0	4.5	1.0	4.5	1.0	4.5
S13	-	-	-	-	-	-	-	-						
S14	-	-	-	-	-	-	-	-	0.23	1.0	0.11	0.47	<	0.072
Lime Silo Loading Dust Collector														
S15	-	-	-	-	-	-	-	-	0.043	0.009 4	0.043	0.009 4	<	0.009 4
Molybdenum Mill Dust Collector														
S16	-	-	-	-	-	-	-	-	1.0	4.5	1.0	4.5	1.0	4.5
S17	-	-	-	-	-	-	-	-						
S19	-	-	-	-	-	-	-	-						
S18	-	-	-	-	-	-	-	-	<	<	<	<	<	<
S20	-	-	-	-	-	-	-	-	<	<	<	<	<	<
S21	-	-	-	-	-	-	-	-	<	<	<	<	<	<
S22	-	-	-	-	-	-	-	-	21	20	4.5	4.3	2.2	2.1
S23	-	-	-	-	-	-	-	-	3.8	17	1.8	7.8	<	1.2
S24	-	-	-	-	-	-	-	-	21	30	4.5	6.5	2.2	3.2
S25	-	-	-	-	-	-	-	-	2.9	4.2	0.5	0.8	0.3	0.4
S29	-	-	-	-	-	-	-	-	87	319	25	91	2.5	9.1
S30	-	-	-	-	-	-	-	-	3.7	13	1.0	3.5	<	<
S31	-	-	-	-	-	-	-	-	11	28	3.8	9.6	<	<
S32	-	-	-	-	-	-	-	-	<	1.1	<	<	<	<
S33	-	-	-	-	-	-	-	-	3.2	14	1.6	7.0	<	1.0
S34	-	-	-	-	-	-	-	-	1.3	5.6	<	2.8	<	<
S35	-	-	-	-	-	-	-	-	3.9	17	2.0	8.6	<	1.3
S36	-	-	-	-	-	-	-	-	3.3	14	1.6	7.2	<	1.1

1 Nitrogen dioxide emissions include all oxides of nitrogen expressed as NO₂

2 “-” indicates the application represented emissions of this pollutant are not expected.

3 “<” indicates the application represented uncontrolled emissions are less than 1.0 pph or 1.0 tpy for this pollutant. Allowable limits are not imposed on this level of emissions, except for flares and pollutants with controls.

4 “**” indicates hourly emission limits are not appropriate for this operating situation.

A107 Facility: Allowable Startup, Shutdown, Maintenance, and Malfunctions(SSM&M)

- A. Allowable SSM&M emission limits are not imposed at this time. The permittee shall maintain records in accordance with Condition B109.C.

A108 Facility: Allowable Operations

- A. This facility is authorized for continuous operation. No monitoring, recordkeeping, and reporting are required to demonstrate compliance with continuous hours of operation.

A109 Facility: Reporting Schedules – Not Applicable**A110 Facility: Fuel Sulfur Requirements – N/A****A111 Facility: 20.2.61 NMAC N/A****A112 Facility: Haul Roads**

- A. Truck Traffic

Requirement: The number of haul road round trips shall not exceed:

- (1) 91,250 Trips/yr for the material delivered to the Crusher
- (2) 2,670 Trips/yr for the material delivered to the low grade ore stockpile,
- (3) 56,500 Trips/yr for the material delivered to open pit waste stockpile, and
- (4) 4,558 trucks per year of copper concentrate products, molybdenum concentrate products, and chemical delivery trucks.

Each day for the first 365-days, compliance shall be determined by calculating the cumulative total truck traffic each day for each group listed above.

After the first 365-days, compliance shall be determined by calculating the daily rolling 365-day total for each group above.

Monitoring: The permittee shall continually monitor the total number of haul road round trips per day for each group.

Recordkeeping: The permittee shall keep daily records of:
the total number of haul road trips per day,
for the first 365-days - the cumulative daily total, and
after the first 365-days - the daily rolling 365-day total.

Reporting: The permittee shall report in accordance with Section B110.

B. Plant Access Haul Road Control – Day and Night (Unit S30)

Requirement: Compliance with the haul road emissions limits in table A106.A shall be demonstrated by the application of base course and watering to control particulate emissions from haul roads. The permittee shall reapply base course and/or water to the haul roads immediately upon observing visible emissions higher than the headlights or taillights of a typical highway semi-truck. This control measure shall be used on roads as far as the nearest public road.

Monitoring: When there is material being transported on the roads, the permittee shall continually monitor the dust generated on the Plant Access Haul Road to determine if water and/or base course is needed.

For each hour of night operation in which the haul roads were not watered, the permittee shall monitor the road surfaces to see if dust is rising higher than the headlights or taillights of a typical highway semi-truck.

Recordkeeping: Records summarizing the observations conducted on dust from haul road traffic shall be made at least once in the morning during the first hour of morning truck traffic and at least once in the afternoon during the first hour of afternoon (12:00 PM) truck traffic.

For each summary record, the permittee shall record the name of the person making the record, date, time of the record, and any actions taken as a result of the observation. If water or base course is applied to the roads, based on the above monitoring requirements, then the record shall also include:

- (1) date, time, quantity, and location(s) of the water application, or equivalent control measures.
- (2) quantity, and location(s) of the base course application.
- (3) For night operations, the permittee shall make a record of each hourly dust monitoring activity to see if additional watering is necessary. At a minimum the record shall include the date, the time of the observation, the roads and surfaces observed, the results of the observation, and the name of the person making the observation.

If observations are not made for reasons such as weather conditions or no truck traffic, the permittee shall record the time period and reason why the observation was not made.

Reporting: The permittee shall report in accordance with Section B110.

C. Mine Haul Road Control - Day and Night

Requirement:

1. All haul roads and truck traffic areas other than the Plant Access Haul road (Unit 30) used to deliver mined material to the crusher, low grade ore stockpile, and open pit waste stockpile (including Unit S29) shall be watered no less than once every two hours. The water application ratio shall be at least 0.27 gal/m² (1.01 L/m²). This control measure shall be used on roads as far as the nearest public road.

The frequency of watering once every 2-hrs can be relaxed if there is no traffic on the roads or during period where weather conditions result in no visible emissions from vehicle traffic. Night time traffic shall be watered at the same frequency that accrued during the previous calendar day except when the application of water would result in unsafe roads due to mud or ice.

2. As an alternative to watering every two hours, the permittee may apply and maintain surfactants on the haul roads or portions of the haul roads and water the roads at least once in the morning between the hours of 9:30 and 11:00 AM and once in the afternoon between the hours of 2:00 PM and 4:00 PM. Water shall be reapplied if visible emissions are observed to be higher than the headlights or taillights of a typical factory available pickup truck (**including 4x4 trucks**) or leaving the haul road. The surfactant shall be reapplied as recommended by the manufacturer, but at no less than once every 90-days and maintained in accordance with manufactures recommended procedures.

Monitoring:

1. The permittee shall monitor the frequency, quantity, and location(s) of the water application, or equivalent control measures.
2. The permittee shall monitor the haul roads (or portions of haul roads) where surfactant is applied daily to insure the surfactant is maintained as specified by the manufacture.

Recordkeeping:

1. The permittee shall keep daily records of the frequency, quantity, and location(s) of the water application, or equivalent control measures.
2. The permittee shall keep track of the daily surfactant monitoring required above and any surfactant maintenance.
3. The permittee shall keep a map on file that clearly shows where surfactants are being used.
4. The permittee shall keep a copy of the surfactant manufacturer's recommended application and maintenance procedures for Department review.

Reporting: The permittee shall report in accordance with Section B110.

A113 Facility: Initial Location Requirements

- A. This is not a portable facility
- B. Colocation is not authorized by this permit.

A114 Facility: Relocation Requirements

- A. This facility may not be relocated.

A115 Alternative Operating Scenario

- A. As allowed in Part B of this permit. The permittee shall operate this facility in such manner that all applicable requirements and the requirements of 20.2.72 NMAC are met regardless of what scenario the facility is operating under.

EQUIPMENT SPECIFIC REQUIREMENTS**OIL AND GAS INDUSTRY****A200 Oil and Gas Industry****A300 Construction Industry - Aggregate****A400 Construction Industry – Asphalt****A500 Construction Industry – Concrete****A600 Power Generation Industry****A700 Solid Waste Disposal (Landfills) Industry– Not Required****A800 Miscellaneous Operations Introduction – Not Required****A. Facility Throughput**

Requirement: The permittee shall comply with the following throughput limits based on a daily rolling 365-day total. For the first 365-days of operations the limit below shall be interpreted as a cumulative total calculated once each calendar day.

- (1) Crusher/SAG mill production rate 9,125,000 tons/yr.
- (2) Copper Concentrate production rate of 100,700 tons/yr.
- (3) Molybdenum concentration production rate of 930 tons/yr
- (4) ANFO use shall not exceed 6,380 tons/yr
- (5) Lime delivery rate of 10,950 tons/yr

Monitoring:

- 1) The permittee shall continually monitor the amount of material processed for the following processes. This shall be done by use of a weigh belt and a non-resettable electronic data logger. The data logger shall record a reading no less than once every

6-minutes. a) Ore that passes that is delivered to the Crusher/SAG mill h) Copper concentrate produced c) Molybdenum concentrate produced. 2) The permittee shall continuously monitor the amount of ANFO used each calendar day. 3) The permittee shall continuously monitor the amount of lime delivered to the facility each day.
Recordkeeping: The permittee shall keep records of: the daily monitoring values required above the cumulative total - for the first 365 days, the daily rolling 365-day total - after the first 365-days, and any required calculations.
Reporting: The permittee shall report in accordance with Section B110.

A801 Lime Silo

A. Lime Silo Process Rate (Unit S15)

Requirement: Lime Silo (Unit S130) loading shall not exceed 10,950 tons per year based on a monthly rolling 12-month total.
Monitoring: The permittee shall continuously monitor the date, time, and amount of material loaded into the lime silo.
Recordkeeping: The permittee shall maintain an operating log recording date, time, and total Lime loaded into the silo (Unit S15). During the first 12-months of monitoring, each month the permittee shall record the monthly cumulative total. After the first 12-months of monitoring, the monthly rolling 12-month total.
Reporting: The permittee shall report in accordance with Section B110.

B. Lime Silo – Fabric Filter (Unit S15)

Requirement: The lime silo (Unit S15) shall be equipped with a baghouse/cartridge filter so that all displaced dust from the silo is vented to the baghouse/cartridge filter. The baghouse/cartridge filter shall be equipped with a device to continually monitor and measure the pressure drop across the filter. The permittee shall establish a normal operating range within the first 90-days of operation. The permittee shall keep this information on file for the life of the unit.
Monitoring: The permittee shall monitor the differential pressure across the filter each time lime is added to the silo. The differential pressure reading shall be taken while material is actively being loaded to the silo.
Recordkeeping: The differential pressure measured by the gauge on the fabric filter shall be recorded once each time material is added to the silo. When Material is added to the silo, the permittee shall also record the date, start time, and end time of the baghouse/cartridge filter.

Reporting: The permittee shall report in accordance with Section B110.

C. Lime Silos – Alarm (Unit S15)

Requirement: The owner or operator shall equip silos with audible alarms, which activate when the silo is between 90 and 95 percent full.
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Monitoring: The fill alarm shall be tested no less than once per calendar year to insure proper operation.

Recordkeeping: The permittee shall maintain a record of the annual alarm test and any maintenance that resulted from the test.

Reporting: The permittee shall report in accordance with Section B110.

A802 Dust Collectors

A. Dust Collectors (Units S7, S8, and S9; Units S12 and S13; and Units S16, S17, and S19)

Requirement: The following units shall be equipped with a baghouse/cartridge filter so that all displaced dust from the silo is vented to the baghouse/cartridge filter. The baghouse/cartridge filter shall be equipped with a device to continually monitor and measure the pressure drop across the filter.

A. S7, S8, S9 - Primary Crusher Vault Dust Collector.

B. S12 and S13 - Reclaimer Vault – Dust Collector.

C. 16, 17, 19 Molybdenum Mill Area - Dust Collector

The permittee shall establish a normal operating range within the first 90-days of operation. The permittee shall keep this information on file for the life of the unit.

Monitoring: The permittee shall continually monitor the differential pressure across the filter by use of electronic monitoring system and a data logger. The data logger shall take reading at least once every 6-minutes..

Recordkeeping: The differential pressure shall be recorded by a data logger. When the facility is in operation, the permittee shall maintain a daily operating log recording all operating times of the baghouse/cartridge filter.

Reporting: The permittee shall report in accordance with Section B110.

A803 Moisture Content of Tailing Embankment Material

A. No less than 10%

Requirement: The moisture content of the tailings being added to the tailing embankment shall be 10% or more.
--

Monitoring: Once each calendar week the concentrator is operated, the permittee shall measure the moisture content of the tailing embankment material.

If the value reads more than 10% for more than 52 consecutive weeks, the monitoring frequency can be reduced to once in July and upon request by the Department. If at any time the moisture content fall below 10%, then weekly monitoring shall resume until such time that 52 consecutive weekly readings are 10% or more are recorded.

Recordkeeping: The permittee shall keep a log of the sample date, sample time, and moisture content test results.

Reporting: The permittee shall report in accordance with Section B110.

A804 Moisture Content of Copper Concentrate

A. No less than 8%

Requirement: The moisture content of the copper concentrate shall be 8% or more.

Monitoring: Once each week the permittee shall measure the moisture content of the Copper concentrate material storage pile as it is discharged from the mill.

If the value reads more than 8% for more than 52 consecutive weeks, the monitoring frequency can be reduced to once in July and upon request by the Department. If at any time the moisture content fall below 8%, then weekly monitoring shall resume until such time that 52 consecutive weekly readings are 8% or more are recorded.

Recordkeeping: The permittee shall keep a log of the sample date, sample time, and moisture content test results.

Reporting: The permittee shall report in accordance with Section B110.

A805 Raw Ore Surge Bin (Unit S6)

A. Daily Inspection of Water Sprays(Unit S6)

Requirement: The permittee shall demonstrate ongoing compliance with the requested allowable emissions limits established in this permit by installing, operating, and maintaining water sprays to control dust emissions.

Monitoring: Within two hours of startup of each calendar day, the permittee shall inspect the water sprays to ensure they are controlling fugitive dust emissions. This inspection shall include, but is not limited to; spray bars are pointing in the right places, are not blocked or plugged, and are atomizing the water properly.

Recordkeeping: A daily record shall be made of the inspection and any maintenance activity that resulted from the inspection. At a minimum, the record shall include the date, time, name of individual conducting the test, a description of any malfunction, and any corrective actions taken. The record shall be attached to a description of what shall be inspected, to insure that the inspector understands his or her responsibilities.

Reporting: The permittee shall report in accordance with Section B110.

A806 Stacker Conveyor - Course Ore Pile (Unit S10)**A. Daily Inspection of Water Sprays (Unit S10)**

Requirement: The permittee shall demonstrate ongoing compliance with the requested allowable emissions limits established in this permit by installing, operating, and maintaining water sprays to control dust emissions.

Monitoring: Within two hours of startup of each calendar day, the permittee shall inspect the water sprays to ensure they are controlling fugitive dust emissions. This inspection shall include, but is not limited to; spray bars are pointing in the right places, are not blocked or plugged, and are atomizing the water properly.

Recordkeeping: A daily record shall be made of the inspection and any maintenance activity that resulted from the inspection. At a minimum, the record shall include the date, time, name of individual conducting the test, a description of any malfunction, and any corrective actions taken. The record shall be attached to a description of what shall be inspected, to insure that the inspector understands his or her responsibilities.

Reporting: The permittee shall report in accordance with Section B110.

A807 Bulldozer Activity (Unit S5, S11, S22, S24 and S25)**A. Limit to annual hours of operation for Bulldozer Activities.**

Requirement: The total operating hours for bulldozers shall not exceed 40,880 hours per year.

For the first 12-months this limit shall be based on a cumulative total.

After the first 12-months this limit shall be based on a weekly rolling 52-week total.

Monitoring: The permittee shall continually monitor the total meter hours of all bulldozers operating.

Recordkeeping:

The permittee shall keep a daily log showing the date, and non-resettable runtime meter readings for all operating bulldozers each calendar day that the units operated.

Each calendar week the permittee shall calculate the weekly and weekly rolling 52-week total to show compliance or noncompliance with this requirement.

Reporting: The permittee shall report in accordance with Section B110.

A808 Conveyor Drop into Wet SAG Mill (Unit S14)

- A. The permittee shall design and operate the SAG Mill as a wet process. This includes adding water to the material on Unit 14 before or at the material drop point.
- B. The Conveyor belt (Unit S14) transfer to the wet mill shall be done within a building or structure. The building or structure shall be a full enclosure.

A809 Unit S18 shall be within a Full Enclosure. Copper Concentrate Conveyor

- A. The Copper Concentrate Conveyor belt drop (Unit S18) shall be located within a building or structure. The building or structure shall be a full enclosure.

A810 Unit S20 shall be enclosed within a structure that has at least three wall (¾ enclose).

- A. The Truck Loading - Copper Concentrate Conveyor belt drop (Unit S20) shall be located within a building or structure. The building or structure shall be a ¾ enclosure.

A811 Tailing Storage Area Scraper Activity

- A. Tailings Storage Area Scraper Activity

Requirement: The scraper activity in the tailings storage area shall be completed within 20-months of start of that activity (Unit 28 in the application).

Monitoring: None

Recordkeeping: The permittee shall keep a record of the date that Scraper activity started and a date of completion of scraper activity.

Reporting: The permittee shall report in accordance with Section B110.

A812 Fugitive Dust Plan

- A. Fugitive Dust Control Plan (FDCP)

Requirement: The permittee shall develop a Fugitive Dust Control Plan (FDCP) for minimizing emissions from areas such as aggregate feeders, bins, bin scales, storage pile, overburden removal, disturbed earth, buildings, truck loading/unloading, or active pits.

The FDCP shall include, but is not limited to: Sites of overburden removal and active pit areas shall be watered, dependent on existing wind speeds and soil moisture content, as necessary to minimize dust emissions. Or, stock piles shall be maintained with standard industry practices and procedures to minimize fugitive emissions to the atmosphere.

Monitoring: Once each calendar month, the permittee shall inspect each area to insure that fugitive dust is being minimized and determine if the FDCP plan needs updated.
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Recordkeeping: Monthly, the permittee shall make a record of each monthly inspection and revise the plan to address past shortcomings as well as future activities. If no changes are needed, then the permittee shall make a record that the plan needs no changes.

The permittee shall make a record of any action taken to minimize emissions as a result of the FDCP or monthly inspections.

Reporting: The permittee shall report in accordance with Section B110.

A813 40 CFR 60 Subpart LL

A. 40 CFR 60 Subpart LL (S7, S9, S9, S10, S12, S13, S14, S16, 17, S19, S19, and S20)

Requirement: This facility shall comply with the applicable requirements of 40 CFR 60 Subpart A and LL - Standards of Performance for Metallic Mineral Processing Plants.
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Monitoring: This facility shall monitor in accordance with 40 CFR 60 Subpart LL.

Recordkeeping: This facility shall keep records in accordance with 40 CFR 60 Subpart LL.

Reporting: This facility shall report in accordance with 40 CFR 60 Subpart LL.

A814 Blasting (Unit S2)

A. Blasting Limitations (Unit S2)

Requirement: To demonstrate compliance with the emission limits, blasting shall only be done once per day and during Daylight Hours Only.
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Monitoring: None

Recordkeeping: The permittee shall keep a log of the date and time of each blasting event.

Reporting: This facility shall report in accordance with 40 CFR 60 Subpart LL.

PART B GENERAL CONDITIONS**B100 Introduction**

- A. The Department has reviewed the permit application for the proposed construction/modification/revision and has determined that the provisions of the Act and ambient air quality standards will be met. Conditions have been imposed in this permit to assure continued compliance. 20.2.72.210.D NMAC, states that any term or condition imposed by the Department on a permit is enforceable to the same extent as a regulation of the Environmental Improvement Board.

B101 Legal

- A. The contents of a permit application specifically identified by the Department shall become the terms and conditions of the permit or permit revision. Unless modified by conditions of this permit, the permittee shall construct or modify and operate the Facility in accordance with all representations of the application and supplemental submittals that the Department relied upon to determine compliance with applicable regulations and ambient air quality standards. If the Department relied on air quality modeling to issue this permit, any change in the parameters used for this modeling shall be submitted to the Department for review. Upon the Department's request, the permittee shall submit additional modeling for review by the Department. Results of that review may require a permit modification. (20.2.72.210.A NMAC)
- B. Any future physical changes, changes in the method of operation or changes in the restricted area may constitute a modification as defined by 20.2.72 NMAC, Construction Permits. Unless the source or activity is exempt under 20.2.72.202 NMAC, no modification shall begin prior to issuance of a permit. (20.2.72 NMAC Sections 200.A.2 and E, and 210.B.4)
- C. Changes in plans, specifications, and other representations stated in the application documents shall not be made if they cause a change in the method of control of emissions or in the character of emissions, will increase the discharge of emissions or affect modeling results. Any such proposed changes shall be submitted as a revision or modification. (20.2.72 NMAC Sections 200.A.2 and E, and 210.B.4)
- D. The permittee shall establish and maintain the property's Restricted Area as identified in plot plan submitted with the application. (20.2.72 NMAC Sections 200.A.2 and E, and 210.B.4)
- E. Applications for permit revisions and modifications shall be submitted to:
Program Manager, Permits Section

New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113

- F. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate the source including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (20.2.7.109, 20.2.72.210.A, 20.2.72.210.B, 20.2.72.210.C, 20.2.72.210.E NMAC) The establishment of allowable malfunction emission limits does not supersede this requirement.

B102 Authority

- A. This permit is issued pursuant to the Air Quality Control Act (Act) and regulations adopted pursuant to the Act including Title 20, Chapter 2, Part 72 of the New Mexico Administrative Code (NMAC), (20.2.72 NMAC), Construction Permits and is enforceable pursuant to the Act and the air quality control regulations applicable to this source.
- B. The Department is the Administrator for 40 CFR Parts 60, 61, and 63 pursuant to the delegation and exceptions of Section 10 of 20.2.77 NMAC (NSPS), 20.2.78 NMAC (NESHAP), and 20.2.82 NMAC (MACT).

B103 Annual Fee

- A. The Department will assess an annual fee for this Facility. The regulation 20.2.75 NMAC set the fee amount at \$1,500 through 2004 and requires it to be adjusted annually for the Consumer Price Index on January 1. The current fee amount is available by contacting the Department or can be found on the Department's website. The AQB will invoice the permittee for the annual fee amount at the beginning of each calendar year. This fee does not apply to sources which are assessed an annual fee in accordance with 20.2.71 NMAC. For sources that satisfy the definition of "small business" in 20.2.75.7.F NMAC, this annual fee will be divided by two. (20.2.75.11 NMAC)
- B. All fees shall be remitted in the form of a corporate check, certified check, or money order made payable to the "NM Environment Department, AQB" mailed to the address shown on the invoice and shall be accompanied by the remittance slip attached to the invoice.

B104 Appeal Procedures

- A. Any person who participated in a permitting action before the Department and who is adversely affected by such permitting action, may file a petition for hearing before the Environmental Improvement Board. The petition shall be made in writing to the Environmental Improvement Board within thirty (30) days from the date notice is given of the Department's action and shall specify the portions of the permitting action to which the petitioner objects, certify that a copy of the petition has been mailed or hand-delivered and attach a copy of the permitting action for which review is sought. Unless a timely request for hearing is made, the decision of the Department shall be final. The petition shall be copied simultaneously to the Department upon receipt of the appeal notice. If the petitioner is not the applicant or permittee, the petitioner shall mail or hand-deliver a copy of the petition to the applicant or permittee. The Department shall certify the administrative record to the board. Petitions for a hearing shall be sent to: (20.2.72.207.F NMAC)

Secretary, New Mexico Environmental Improvement Board
1190 St. Francis Drive, Runnels Bldg. Rm. N2153
P.O. Box 5469
Santa Fe, New Mexico 87502

B105 Submittal of Reports and Certifications

- A. Stack Test Protocols and Stack Test Reports shall be submitted electronically to Stacktest.AQB@state.nm.us.
- B. Excess Emission Reports shall be submitted electronically to eeereports.aqb@state.nm.us. (20.2.7.110 NMAC)
- C. Regularly scheduled reports shall be submitted to:
Manager, Compliance and Enforcement Section
New Mexico Environment Department
Air Quality Bureau
1301 Siler Road, Building B
Santa Fe, New Mexico 87507-3113

B106 NSPS and/or MACT Startup, Shutdown, and Malfunction Operations

- A. If a facility is subject to a NSPS standard in 40 CFR 60, each owner or operator that installs and operates a continuous monitoring device required by a NSPS regulation shall comply with the excess emissions reporting requirements in accordance with 40 CFR 60.7(c), unless specifically exempted in the applicable subpart.

- B. If a facility is subject to a NSPS standard in 40 CFR 60, then in accordance with 40 CFR 60.8(c), emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction shall not be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.
- C. If a facility is subject to a MACT standard in 40 CFR 63, then the facility is subject to the requirement for a Startup, Shutdown and Malfunction Plan (SSM) under 40 CFR 63.6(e)(3), unless specifically exempted in the applicable subpart.

B107 Startup, Shutdown, and Maintenance Operations

- A. The establishment of permitted startup, shutdown, and maintenance (SSM) emission limits does not supersede the requirements of 20.2.7.14.A NMAC. Except for operations or equipment subject to Condition B106, the permittee shall establish and implement a plan to minimize emissions during routine or predictable start up, shut down, and scheduled maintenance (SSM work practice plan) and shall operate in accordance with the procedures set forth in the plan. (SSM work practice plan) (20.2.7.14.A NMAC)

B108 General Monitoring Requirements

- A. These requirements do not supersede or relax requirements of federal regulations.
- B. The following monitoring requirements shall be used to determine compliance with applicable requirements and emission limits. Any sampling, whether by portable analyzer or EPA reference method, that measures an emission rate over the applicable averaging period greater than an emission limit in this permit constitutes noncompliance with this permit. The Department may require, at its discretion, additional tests pursuant to EPA Reference Methods at any time, including when sampling by portable analyzer measures an emission rate greater than an emission limit in this permit; but such requirement shall not be construed as a determination that the sampling by portable analyzer does not establish noncompliance with this permit and shall not stay enforcement of such noncompliance based on the sampling by portable analyzer.
- C. If the emission unit is shutdown at the time when periodic monitoring is due to be accomplished, the permittee is not required to restart the unit for the sole purpose of performing the monitoring. Using electronic or written mail, the permittee shall notify the Department's Compliance and Enforcement Section of a delay in emission tests prior to the deadline for accomplishing the tests. Upon recommencing operation, the permittee shall submit any pertinent pre-test notification requirements set forth in the current version of the Department's Standard Operating Procedures For Use Of Portable Analyzers in Performance Test, and shall accomplish the monitoring.

- D. The requirement for monitoring during any monitoring period is based on the percentage of time that the unit has operated. However, to invoke the monitoring period exemption at B108.D(2), hours of operation shall be monitored and recorded.
- (1) If the emission unit has operated for more than 25% of a monitoring period, then the permittee shall conduct monitoring during that period.
 - (2) If the emission unit has operated for 25% or less of a monitoring period then the monitoring is not required. After two successive periods without monitoring, the permittee shall conduct monitoring during the next period regardless of the time operated during that period, except that for any monitoring period in which a unit has operated for less than 10% of the monitoring period, the period will not be considered as one of the two successive periods.
 - (3) If invoking the monitoring **period** exemption in B108.D(2), the actual operating time of a unit shall not exceed the monitoring period required by this permit before the required monitoring is performed. For example, if the monitoring period is annual, the operating hours of the unit shall not exceed 8760 hours before monitoring is conducted. Regardless of the time that a unit actually operates, a minimum of one of each type of monitoring activity shall be conducted during any five-year period.
- E. For all periodic monitoring events, except when a federal or state regulation is more stringent, three test runs shall be conducted at 90% or greater of the unit's capacity as stated in this permit, or in the permit application if not in the permit, and at additional loads when requested by the Department. If the 90% capacity cannot be achieved, the monitoring will be conducted at the maximum achievable load under prevailing operating conditions except when a federal or state regulation requires more restrictive test conditions. The load and the parameters used to calculate it shall be recorded to document operating conditions and shall be included with the monitoring report.
- F. When requested by the Department, the permittee shall provide schedules of testing and monitoring activities. Compliance tests from previous NSR and Title V permits may be re-imposed if it is deemed necessary by the Department to determine whether the source is in compliance with applicable regulations or permit conditions.
- G. If monitoring is new or is in addition to monitoring imposed by an existing applicable requirement, it shall become effective 120 days after the date of permit issuance. For emission units that have not commenced operation, the associated new or additional monitoring shall not apply until 120 days after the units commence operation. All pre-existing monitoring requirements incorporated in this permit shall continue to apply from the date of permit issuance.

B109 General Recordkeeping Requirements

- A. The permittee shall maintain records to assure and verify compliance with the terms and conditions of this permit and any other applicable requirements that become effective after permit issuance. The minimum information to be included in these records is:
- (1) equipment identification (include make, model and serial number for all tested equipment and emission controls);
 - (2) date(s) and time(s) of sampling or measurements;
 - (3) date(s) analyses were performed;
 - (4) the qualified entity that performed the analyses;
 - (5) analytical or test methods used;
 - (6) results of analyses or tests; and
 - (7) operating conditions existing at the time of sampling or measurement.
- B. Except as provided in the Specific Conditions, records shall be maintained on-site or at the permittee's local business office for a minimum of two (2) years from the time of recording and shall be made available to Department personnel upon request. Sources subject to 20.2.70 NMAC "Operating Permits" shall maintain records on-site for a minimum of five (5) years from the time of recording.
- C. Malfunction emissions and routine and predictable emissions during startup, shutdown, and scheduled maintenance (SSM):
- (1) The permittee shall keep records of all events subject to the plan to minimize emissions during routine or predictable SSM. (20.2.7.14.A NMAC)
 - (2) If the facility has allowable SSM emission limits in this permit, the permittee shall record all SSM events, including the date, the start time, the end time, and a description of the event. This record also shall include a copy of the manufacturer's, or equivalent, documentation showing that any maintenance qualified as scheduled. Scheduled maintenance is an activity that occurs at an established frequency pursuant to a written protocol published by the manufacturer or other reliable source. The authorization of allowable SSM emissions does not supersede any applicable federal or state standard. The most stringent requirement applies.
 - (3) If the facility has allowable malfunction emission limits in this permit, the permittee shall record all malfunction events to be applied against these limits, including the date, the start time, the end time, and a description of the event. **Malfunction means** any sudden, infrequent, and not reasonably preventable failure of air pollution control and monitoring equipment, process equipment, or a process to operate in a normal or usual manner which causes, or has the potential

to cause, the emission limitations in an applicable standard to be exceeded. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. (40 CFR 63.2, 20.2.7.7.E NMAC) The authorization of allowable malfunction emissions does not supersede any applicable federal or state standard. The most stringent requirement applies. This authorization only allows the permittee to avoid submitting reports under 20.2.7 NMAC for total annual emissions that are below the authorized limit.

B110 General Reporting Requirements

(20.2.72 NMAC Sections 210 and 212)

- A. Records and reports shall be maintained on-site or at the permittee's local business office unless specifically required to be submitted to the Department or EPA by another condition of this permit or by a state or federal regulation. Records for unmanned sites may be kept at the nearest business office.
- B. The permittee shall notify the Department's Compliance Reporting Section using the current Submittal Form posted to NMED's Air Quality web site under Compliance and Enforcement/Submittal Forms in writing of, or provide the Department with (20.2.72.212.A and B):
 - (1) the anticipated date of initial startup of each new or modified source not less than thirty (30) days prior to the date. Notification may occur prior to issuance of the permit, but actual startup shall not occur earlier than the permit issuance date;
 - (2) after receiving authority to construct, the equipment serial number as provided by the manufacturer or permanently affixed if shop-built and the actual date of initial startup of each new or modified source within fifteen (15) days after the startup date; and
 - (3) the date when each new or modified emission source reaches the maximum production rate at which it will operate within fifteen (15) days after that date.
- C. The permittee shall notify the Department's Permitting Program Manager, in writing of, or provide the Department with (20.2.72.212.C and D):
 - (1) any change of operators or any equipment substitutions within fifteen (15) days of such change;
 - (2) any necessary update or correction no more than sixty (60) days after the operator knows or should have known of the condition necessitating the update or correction of the permit.
- D. Results of emission tests and monitoring for each pollutant (except opacity) shall be reported in pounds per hour (unless otherwise specified) and tons per year. Opacity shall be reported in percent. The number of significant figures corresponding to the full accuracy inherent in the testing instrument or Method test used to obtain the data

shall be used to calculate and report test results in accordance with 20.2.1.116.B and C NMAC. Upon request by the Department, CEMS and other tabular data shall be submitted in editable, MS Excel format.

- E. The permittee shall submit reports of excess emissions in accordance with 20.2.7.110.A NMAC.

B111 General Testing Requirements

A. Compliance Tests

- (1) Compliance test requirements from previous permits (if any) are still in effect, unless the tests have been satisfactorily completed. Compliance tests may be re-imposed if it is deemed necessary by the Department to determine whether the source is in compliance with applicable regulations or permit conditions. (20.2.72 NMAC Sections 210.C and 213)
- (2) Compliance tests shall be conducted within sixty (60) days after the unit(s) achieve the maximum normal production rate. If the maximum normal production rate does not occur within one hundred twenty (120) days of source startup, then the tests must be conducted no later than one hundred eighty (180) days after initial startup of the source.
- (3) Unless otherwise indicated by Specific Conditions or regulatory requirements, the default time period for each test run shall be **at least** 60 minutes and each performance test shall consist of three separate runs using the applicable test method. For the purpose of determining compliance with an applicable emission limit, the arithmetic mean of results of the three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the three runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances, beyond the owner or operator's control, compliance may, upon the Department approval, be determined using the arithmetic mean of the results of the two other runs.
- (4) Testing of emissions shall be conducted with the emissions unit operating at 90 to 100 percent of the maximum operating rate allowed by the permit. If it is not possible to test at that rate, the source may test at a lower operating rate, subject to the approval of the Department.
- (5) Testing performed at less than 90 percent of permitted capacity will limit emission unit operation to 110 percent of the tested capacity until a new test is conducted.
- (6) If conditions change such that unit operation above 110 percent of tested capacity is possible, the source must submit a protocol to the Department within 30 days of such change to conduct a new emissions test.

B. EPA Reference Method Tests

- (1) All compliance tests required by this permit, unless otherwise specified by Specific Conditions of this permit, shall be conducted in accordance with the requirements of CFR Title 40, Part 60, Subpart A, General Provisions, and the following EPA Reference Methods as specified by CFR Title 40, Part 60, Appendix A:
 - (a) Methods 1 through 4 for stack gas flowrate
 - (b) Method 5 for TSP
 - (c) Method 6C and 19 for SO₂
 - (d) Method 7E for NO_x (test results shall be expressed as nitrogen dioxide (NO₂) using a molecular weight of 46 lb/lb-mol in all calculations (each ppm of NO/NO₂ is equivalent to 1.194×10^{-7} lb/SCF)
 - (e) Method 9 for opacity
 - (f) Method 10 for CO
 - (g) Method 19 may be used in lieu of Methods 1-4 for stack gas flowrate upon approval of the Department. A justification for this proposal must be provided along with a contemporaneous fuel gas analysis (preferably on the day of the test) and a recent fuel flow meter calibration certificate (within the most recent quarter).
 - (h) Method 7E or 20 for Turbines per 60.335 or 60.4400
 - (i) Method 29 for Metals
 - (j) Method 201A for filterable PM₁₀ and PM_{2.5}
 - (k) Method 202 for condensable PM
 - (l) Method 320 for organic Hazardous Air Pollutants (HAPs)
 - (m) Method 25A for VOC reduction efficiency
- (2) Alternative test method(s) may be used if the Department approves the change

C. Periodic Monitoring and Portable Analyzer Requirements

- (1) Periodic emissions tests (periodic monitoring) may be conducted in accordance with EPA Reference Methods or by utilizing a portable analyzer. Periodic monitoring utilizing a portable analyzer shall be conducted in accordance with the requirements of ASTM D 6522-00. However, if a facility has met a previously approved Department criterion for portable analyzers, the analyzer may be operated in accordance with that criterion until it is replaced.
- (2) Unless otherwise indicated by Specific Conditions or regulatory requirements, the default time period for each test run shall be **at least** 20 minutes.

Each performance test shall consist of three separate runs. The arithmetic mean of results of the three runs shall be used to determine compliance with the applicable emission limit.

- (3) Testing of emissions shall be conducted in accordance with the requirements at Section B108.E.
- (4) During emissions tests, pollutant, O₂ concentration and fuel flow rate shall be monitored and recorded. This information shall be included with the test report furnished to the Department.
- (5) Pollutant emission rate shall be calculated in accordance with 40 CFR 60, Appendix A, Method 19 utilizing fuel flow rate (scf) and fuel heating value (Btu/scf) obtained during the test.

D. Test Procedures:

- (1) The permittee shall notify the Department's Program Manager, Compliance and Enforcement Section at least thirty (30) days before the test date and allow a representative of the Department to be present at the test.
- (2) Equipment shall be tested in the "as found" condition. Equipment may not be adjusted or tuned prior to any test for the purpose of lowering emissions, and then returned to previous settings or operating conditions after the test is complete.
- (3) Contents of test notifications, protocols and test reports shall conform to the format specified by the Department's Universal Test Notification, Protocol and Report Form and Instructions. Current forms and instructions are posted to NMED's Air Quality web site under Compliance and Enforcement Testing.
- (4) The permittee shall provide (a) sampling ports adequate for the test methods applicable to the facility, (b) safe sampling platforms, (c) safe access to sampling platforms and (d) utilities for sampling and testing equipment.
- (5) The stack shall be of sufficient height and diameter and the sample ports shall be located so that a representative test of the emissions can be performed in accordance with the requirements of EPA Method 1 or ASTM D 6522-00 as applicable.
- (6) Where necessary to prevent cyclonic flow in the stack, flow straighteners shall be installed.
- (7) Unless otherwise indicated by Specific Conditions or regulatory requirements, test reports shall be submitted to the Department no later than 30 days after completion of the test.

B112 Compliance

- A. The Department shall be given the right to enter the facility at all reasonable times to verify the terms and conditions of this permit. Required records shall be organized by date and subject matter and shall at all times be readily available for inspection. The permittee, upon verbal or written request from an authorized representative of the Department who appears at the facility, shall immediately produce for inspection or copying any records required to be maintained at the facility. Upon written request at other times, the permittee shall deliver to the Department paper or electronic copies of any and all required records maintained on site or at an off-site location. Requested records shall be copied and delivered at the permittee's expense within three business days from receipt of request unless the Department allows additional time. Required records may include records required by permit and other information necessary to demonstrate compliance with terms and conditions of this permit. (NMSA 1978, Section 74-2-13)
- B. A copy of the most recent permit(s) issued by the Department shall be kept at the permitted facility or (for unmanned sites) at the nearest company office and shall be made available to Department personnel for inspection upon request. (20.2.72.210.B.4 NMAC)
- C. Emissions limits associated with the energy input of a Unit, i.e. lb/MMBtu, shall apply at all times unless stated otherwise in a Specific Condition of this permit. The averaging time for each emissions limit, including those based on energy input of a Unit (i.e. lb/MMBtu) is one (1) hour unless stated otherwise in a Specific Condition of this permit or in the applicable requirement that establishes the limit.

B113 Permit Cancellation and Revocation

- A. The Department may revoke this permit if the applicant or permittee has knowingly and willfully misrepresented a material fact in the application for the permit. Revocation will be made in writing, and an administrative appeal may be taken to the Secretary of the Department within thirty (30) days. Appeals will be handled in accordance with the Department's Rules Governing Appeals From Compliance Orders.
- B. The Department shall automatically cancel any permit for any source which ceases operation for five (5) years or more, or permanently. Reactivation of any source after the five (5) year period shall require a new permit. (20.2.72 NMAC)
- C. The Department may cancel a permit if the construction or modification is not commenced within two (2) years from the date of issuance or if, during the construction or modification, work is suspended for a total of one (1) year. (20.2.72 NMAC)

B114 Notification to Subsequent Owners

- A. The permit and conditions apply in the event of any change in control or ownership of the Facility. No permit modification is required in such case. However, in the event of any such change in control or ownership, the permittee shall notify the succeeding owner of the permit and conditions and shall notify the Department's Program Manager, Permits Section of the change in ownership within fifteen (15) days of that change. (20.2.72.212.C NMAC)
- B. Any new owner or operator shall notify the Department's Program Manager, Permits Section, within thirty (30) days of assuming ownership, of the new owner's or operator's name and address. (20.2.73.200.E.3 NMAC)

B115 Asbestos Demolition

- A. Before any asbestos demolition or renovation work, the permittee shall determine whether 40 CFR 61 Subpart M, National Emissions Standards for Asbestos applies. If required, the permittee shall notify the Department's Program Manager, Compliance and Enforcement Section using forms furnished by the Department.

B116 Short Term Engine Replacement

- A. The following Alternative Operating Scenario (AOS) addresses engine breakdown or periodic maintenance and repair, which requires the use of a short term replacement engine. The following requirements do not apply to engines that are exempt per 20.2.72.202.B(3) NMAC. Changes to exempt engines must be reported in accordance with 20.2.72.202.B NMAC. A short term replacement engine may be substituted for any engine allowed by this permit for no more than 120 days in any rolling twelve month period per permitted engine. The compliance demonstrations required as part of this AOS are in addition to any other compliance demonstrations required by this permit.
- (1) The permittee may temporarily replace an existing engine that is subject to the emission limits set forth in this permit with another engine regardless of manufacturer, model, and horsepower without modifying this permit. The permittee shall submit written notification to the Department within 15 days of the date of engine substitution according to condition B110.C(1).
 - (a) The potential emission rates of the replacement engine shall be determined using the replacement engine's manufacturer specifications and shall comply with the existing engine's permitted emission limits.
 - (b) The direction of the exhaust stack for the replacement engine shall be either vertical or the same direction as for the existing engine. The replacement engine's stack height and flow parameters shall be at least as

effective in the dispersion of air pollutants as the modeled stack height and flow parameters for the existing permitted engine. The following equation may be used to show that the replacement engine disperses pollutants as well as the existing engine. The value calculated for the replacement engine on the right side of the equation shall be equal to or greater than the value for the existing engine on the left side of the equation. The permitting page of the Air Quality Bureau website contains a spreadsheet that performs this calculation.

EXISTING ENGINEREPLACEMENT ENGINE

$$\frac{[(g) \times (h1)] + [(v1)^2/2] + [(c) \times (T1)]}{q1} \leq \frac{[(g) \times (h2)] + [(v2)^2/2] + [(c) \times (T2)]}{q2}$$

Where

g = gravitational constant = 32.2 ft/sec²

h1 = existing stack height, feet

v1 = exhaust velocity, existing engine, feet per second

c = specific heat of exhaust, 0.28 BTU/lb-degree F

T1 = absolute temperature of exhaust, existing engine = degree F + 460

q1 = permitted allowable emission rate, existing engine, lbs/hour

h2 = replacement stack height, feet

v2 = exhaust velocity, replacement engine, feet per second

T2 = absolute temperature of exhaust, replacement engine = degree F + 460

q2 = manufacturer's potential emission rate, replacement engine, lbs/hour

The permittee shall keep records showing that the replacement engine is at least as effective in the dispersion of air pollutants as the existing engine.

- (c) Test measurement of NO_x and CO emissions from the temporary replacement engine shall be performed in accordance with Section B111 with the exception of Condition B111A(3) and B111B for EPA Reference Methods Tests or Section B111C for portable analyzer test measurements. Compliance test(s) shall be conducted within fifteen (15) days after the unit begins operation, and records of the results shall be kept according to section B109.B. This test shall be performed even if the engine is removed prior to 15 days on site.

- i. These compliance tests are not required for an engine certified under 40CFR60, subparts IIII, or JJJJ, or 40CFR63, subpart ZZZZ if the permittee demonstrates that one of these requirements causes such engine to comply with all emission limits of this permit. The permittee shall submit this demonstration to the Department within 48 hours of placing the new unit into operation. This submittal

shall include documentation that the engine is certified, that the engine is within its useful life, as defined and specified in the applicable requirement, and shall include calculations showing that the applicable emissions standards result in compliance with the permit limits.

- ii. These compliance tests are not required if a test was conducted by portable analyzer or by EPA Method test (including any required by 40CFR60, subparts IIII and JJJJ and 40CFR63, subpart ZZZZ) within the last 12 months. These previous tests are valid only if conducted at the same or lower elevation as the existing engine location prior to commencing operation as a temporary replacement. A copy of the test results shall be kept according to section B109.B.
- (d) Compliance tests for NO_x and CO shall be conducted if requested by the Department in writing to determine whether the replacement engine is in compliance with applicable regulations or permit conditions.
- (e) Upon determining that emissions data developed according to B116.A.1(c) fail to indicate compliance with either the NO_x or CO emission limits, the permittee shall notify the Department within 48 hours. Also within that time, the permittee shall implement one of the following corrective actions:
 - i. The engine shall be adjusted to reduce NO_x and CO emissions and tested per B116.A.1(c) to demonstrate compliance with permit limits.
 - ii. The engine shall discontinue operation or be replaced with a different unit.
- (2) Short term replacement engines, whether of the same manufacturer, model, and horsepower, or of a different manufacturer, model, or horsepower, are subject to all federal and state applicable requirements, regardless of whether they are set forth in this permit (including monitoring and recordkeeping), and shall be subject to any shield afforded by this permit.
- (3) The permittee shall maintain a contemporaneous record documenting the unit number, manufacturer, model number, horsepower, emission factors, emission test results, and serial number of any existing engine that is replaced, and the replacement engine. Additionally, the record shall document the replacement duration in days, and the beginning and end dates of the short term engine replacement.
- (4) The permittee shall maintain records of a regulatory applicability determination for each replacement engine (including 40CFR60, subparts IIII and JJJJ and

40CFR63, subpart ZZZZ) and shall comply with all associated regulatory requirements.

- B. Additional requirements for replacement of engines at sources that are major as defined in regulation 20.2.74 NMAC, Permits Prevention of Significant Deterioration, section 7.AF. For sources that are major under PSD, the total cumulative operating hours of the replacement engine shall be limited using the following procedure:
 - (1) Daily, the actual emissions from the replacement engine of each pollutant regulated by this permit for the existing engine shall be calculated and recorded.
 - (2) The sum of the total actual emissions since the commencement of operation of the replacement engine shall not exceed the significant emission rates in Table 2 of 20.2.74 NMAC, section 502 for the time that the replacement engine is located at the facility.
- C. All records required by this section shall be kept according to section B109.

PART C MISCELLANEOUS

C100 Supporting On-Line Documents

- A. Copies of the following documents can be downloaded from NMED's web site under Compliance and Enforcement or requested from the Bureau.
 - (1) Excess Emission Form (for reporting deviations and emergencies)
 - (2) Universal Stack Test Notification, Protocol and Report Form and Instructions
 - (3) SOP for Use of Portable Analyzers in Performance Tests

C101 Definitions

- A. **"Daylight"** is defined as the time period between sunrise and sunset, as defined by the Astronomical Applications Department of the U.S. Naval Observatory. (Data for one day or a table of sunrise/sunset for an entire year can be obtained at <http://aa.usno.navy.mil/>. Alternatively, these times can be obtained from a Farmer's Almanac or from <http://www.almanac.com/rise/>).
- B. **"Exempt Sources"** and **"Exempt Activities"** is defined as those sources or activities that are exempted in accordance with 20.2.72.202 NMAC. Note; exemptions are only valid for most 20.2.72 NMAC permitting actions.
- C. **"Fugitive Emission"** means those emissions which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

- D. **"Insignificant Activities"** means those activities which have been listed by the department and approved by the administrator as insignificant on the basis of size, emissions or production rate. Note; insignificant activities are only valid for 20.2.70 NMAC permitting actions.
- E. **"Natural Gas"** is defined as a naturally occurring fluid mixture of hydrocarbons that contains 20.0 grains or less of total sulfur per 100 standard cubic feet (SCF) and is either composed of at least 70% methane by volume or has a gross calorific value of between 950 and 1100 Btu per standard cubic foot. (40 CFR 60.631)
- F. **"Natural Gas Liquids"** means the hydrocarbons, such as ethane, propane, butane, and pentane, that are extracted from field gas. (40 CFR 60.631)
- G. **"National Ambient air Quality Standards"** means, unless otherwise modified, the primary (health-related) and secondary (welfare-based) federal ambient air quality standards promulgated by the US EPA pursuant to Section 109 of the Federal Act.
- H. **"Night"** is the time period between sunset and sunrise, as defined by the Astronomical Applications Department of the U.S. Naval Observatory. (Data for one day or a table of sunrise/sunset for an entire year can be obtained at <http://aa.usno.navy.mil/>. Alternatively, these times can be obtained from a Farmer's Almanac or from <http://www.almanac.com/rise/>).
- I. **"Night Operation or Operation at Night"** is operating a source of emissions at night.
- J. **"NO₂"** or "Nitrogen dioxide" means the chemical compound containing one atom of nitrogen and two atoms of oxygen, for the purposes of ambient determinations. The term **"nitrogen dioxide,"** for the purposes of stack emissions monitoring, shall include nitrogen dioxide (the chemical compound containing one atom of nitrogen and two atoms of oxygen), nitric oxide (the chemical compound containing one atom of nitrogen and one atom of oxygen), and other oxides of nitrogen which may test as nitrogen dioxide and is sometimes referred to as NO_x or NO₂. (20.2.2 NMAC)
- K. **"NO_x"** see NO₂
- L. **"Potential Emission Rate"** means the emission rate of a source at its maximum capacity to emit a regulated air contaminant under its physical and operational design, provided any physical or operational limitation on the capacity of the source to emit a regulated air contaminant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its physical and operational design only if the limitation or the effect it would have on emissions is enforceable by the department pursuant to the Air Quality Control Act or the federal Act.

- M. **"Restricted Area"** is an area to which public entry is effectively precluded. Effective barriers include continuous fencing, continuous walls, or other continuous barriers approved by the Department, such as rugged physical terrain with a steep grade that would require special equipment to traverse. If a large property is completely enclosed by fencing, a restricted area within the property may be identified with signage only. Public roads cannot be part of a Restricted Area.
- N. **"Shutdown"**, for requirements under 20.2.72 NMAC, means the cessation of operation of any air pollution control equipment, process equipment or process for any purpose, except routine phasing out of batch process units.
- O. **"SSM"**, for requirements under 20.2.7 NMAC, means routine or predictable startup, shutdown, or scheduled maintenance.
- (1) **"Shutdown"**, for requirements under 20.2.7 NMAC, means the cessation of operation of any air pollution control equipment or process equipment.
- (2) **"Startup"**, for requirements under 20.2.7 NMAC, means the setting into operation of any air pollution control equipment or process equipment.
- P. **"Startup"**, for requirements under 20.2.72 NMAC, means the setting into operation of any air pollution control equipment, process equipment or process for any purpose, except routine phasing in of batch process units.

C102 Acronyms

2SLB	2-stroke lean burn
4SLB	4-stroke lean burn
4SRB	4-stroke rich burn
acfm	actual cubic feet per minute
AFR	air fuel ratio
AP-42	EPA Air Pollutant Emission Factors
AQB	Air Quality Bureau
AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
BTU	British Thermal Unit
CAA	Clean Air Act of 1970 and 1990 Amendments
CEM	continuous emissions monitoring
cfh	cubic feet per hour
cfm	cubic feet per minute
CFR	Code of Federal Regulation
CI	compression ignition
CO	carbon monoxides
COMS	continuous opacity monitoring system
EIB	Environmental Improvement Board

EPA.....	United States Environmental Protection Agency
gr./100 cf.....	grains per one hundred cubic feet
gr./dscf.....	grains per dry standard cubic foot
GRI.....	Gas Research Institute
HAP.....	hazardous air pollutant
hp.....	horsepower
H ₂ S.....	hydrogen sulfide
IC.....	internal combustion
KW/hr.....	kilowatts per hour
lb/hr.....	pounds per hour
lb/MMBtu.....	pounds per million British Thermal Unit
MACT.....	Maximum Achievable Control Technology
MMcf/hr.....	million cubic feet per hour
MMscf.....	million standard cubic feet
N/A.....	not applicable
NAAQS.....	National Ambient Air Quality Standards
NESHAP.....	National Emission Standards for Hazardous Air Pollutants
NG.....	natural gas
NGL.....	natural gas liquids
NMAAQs.....	New Mexico Ambient Air Quality Standards
NMAC.....	New Mexico Administrative Code
NMED.....	New Mexico Environment Department
NMSA.....	New Mexico Statutes Annotated
NO _x	nitrogen oxides
NSCR.....	non-selective catalytic reduction
NSPS.....	New Source Performance Standard
NSR.....	New Source Review
PEM.....	parametric emissions monitoring
PM.....	particulate matter (equivalent to TSP, total suspended particulate)
PM ₁₀	particulate matter 10 microns and less in diameter
PM _{2.5}	particulate matter 2.5 microns and less in diameter
pph.....	pounds per hour
ppmv.....	parts per million by volume
PSD.....	Prevention of Significant Deterioration
RATA.....	Relative Accuracy Test Assessment
RICE.....	reciprocating internal combustion engine
rpm.....	revolutions per minute
scfm.....	standard cubic feet per minute
SI.....	spark ignition
SO ₂	sulfur dioxide
SSM.....	Startup Shutdown Maintenance (see SSM definition)
TAP.....	Toxic Air Pollutant
TBD.....	to be determined
THC.....	total hydrocarbons

TSP..... Total Suspended Particulates
 tpy tons per year
 ULSD.....ultra low sulfur diesel
 USEPA..... United States Environmental Protection Agency
 UTM..... Universal Transverse Mercator Coordinate system
 UTMH.....Universal Transverse Mercator Horizontal
 UTMV..... Universal Transverse Mercator Vertical
 VHAP.....volatile hazardous air pollutant
 VOC volatile organic compounds

APPENDIX C

SURFACE WATER ANALYSIS DATA

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APPENDIX C: SURFACE WATER ANALYSIS DATA

SURFACE WATER ANALYSIS DATA

SampType	ClientSampleID	CollectionDate	Analyte	Result	Units
SW	SWQ-2	10/27/1981	pH	8.7	pH units
SW	SWQ-2	10/27/1981	Calcium	175	mg/L
SW	SWQ-2	10/27/1981	Chloride	46	mg/L
SW	SWQ-2	10/27/1981	Fluoride	0.8	mg/L
SW	SWQ-2	10/27/1981	Nitrogen, Nitrate (As N)	6.6	mg/L
SW	SWQ-2	10/27/1981	Sulfate	460	mg/L
SW	SWQ-2	10/27/1981	TDS	1060	mg/L
SW	SWQ-2	10/27/1981	Al	<0.01	mg/L
SW	SWQ-2	10/27/1981	As	<0.01	mg/L
SW	SWQ-2	10/27/1981	Ba	<0.2	mg/L
SW	SWQ-2	10/27/1981	Cadmium	<0.005	mg/L
SW	SWQ-2	10/27/1981	Chromium	<0.01	mg/L
SW	SWQ-2	10/27/1981	Copper	<0.05	mg/L
SW	SWQ-2	10/27/1981	Cyanide	<0.01	mg/L
SW	SWQ-2	10/27/1981	Lead	<0.02	mg/L
SW	SWQ-2	10/27/1981	Iron	<0.05	mg/L
SW	SWQ-2	10/27/1981	Manganese	<0.05	mg/L
SW	SWQ-2	10/27/1981	Mercury	0.004	mg/L
SW	SWQ-2	10/27/1981	Nitrogen	<0.05	mg/L
SW	SWQ-2	10/27/1981	Phenols	<0.005	mg/L
SW	SWQ-2	10/27/1981	Ag	<0.02	mg/L
SW	SWQ-2	10/27/1981	Selenium	<0.005	mg/L
SW	SWQ-2	10/27/1981	Boron	<0.1	mg/L
SW	SWQ-2	10/27/1981	Cobalt	<0.02	mg/L
SW	SWQ-2	10/27/1981	Molybdenum	<0.05	mg/L
SW	SWQ-2A	10/27/1981	pH	8.2	pH units
SW	SWQ-2A	10/27/1981	Calcium	107	mg/L
SW	SWQ-2A	10/27/1981	Chloride	46	mg/L
SW	SWQ-2A	10/27/1981	Fluoride	0.6	mg/L
SW	SWQ-2A	10/27/1981	Nitrogen, Nitrate (As N)	0.3	mg/L
SW	SWQ-2A	10/27/1981	Sulfate	380	mg/L
SW	SWQ-2A	10/27/1981	TDS	830	mg/L
SW	SWQ-2A	10/27/1981	Al	<0.01	mg/L
SW	SWQ-2A	10/27/1981	As	<0.01	mg/L
SW	SWQ-2A	10/27/1981	Ba	<0.2	mg/L
SW	SWQ-2A	10/27/1981	Cadmium	<0.005	mg/L
SW	SWQ-2A	10/27/1981	Chromium	<0.01	mg/L
SW	SWQ-2A	10/27/1981	Copper	<0.05	mg/L
SW	SWQ-2A	10/27/1981	Cyanide	<0.01	mg/L
SW	SWQ-2A	10/27/1981	Lead	<0.02	mg/L
SW	SWQ-2A	10/27/1981	Iron	<0.05	mg/L
SW	SWQ-2A	10/27/1981	Manganese	<0.05	mg/L
SW	SWQ-2A	10/27/1981	Mercury	<0.001	mg/L
SW	SWQ-2A	10/27/1981	Nitrogen	<0.05	mg/L
SW	SWQ-2A	10/27/1981	Phenols	<0.005	mg/L
SW	SWQ-2A	10/27/1981	Ag	<0.02	mg/L
SW	SWQ-2A	10/27/1981	Selenium	<0.005	mg/L
SW	SWQ-2A	10/27/1981	Boron	<0.01	mg/L
SW	SWQ-2A	10/27/1981	Cobalt	<0.02	mg/L
SW	SWQ-2A	10/27/1981	Molybdenum	<0.05	mg/L
SW	SWQ-2	2/25/1982	pH	8.1	pH units
SW	SWQ-2	2/25/1982	Chloride	80	mg/L
SW	SWQ-2	2/25/1982	Fluoride	0.7	mg/L
SW	SWQ-2	2/25/1982	Nitrogen, Nitrate (As N)	4.2	mg/L
SW	SWQ-2	2/25/1982	Sulfate	658	mg/L
SW	SWQ-2	2/25/1982	TDS	1360	mg/L
SW	SWQ-2	2/25/1982	Cadmium	<0.005	mg/L
SW	SWQ-2	2/25/1982	Copper	<0.05	mg/L
SW	SWQ-2	2/25/1982	Cyanide	<0.01	mg/L
SW	SWQ-2	2/25/1982	Iron	0.13	mg/L
SW	SWQ-2	2/25/1982	Manganese	<0.05	mg/L
SW	SWQ-2	2/25/1982	Mercury	<0.001	mg/L
SW	SWQ-2	2/25/1982	Selenium	<0.005	mg/L
SW	SWQ-2	2/25/1982	Molybdenum	<0.05	mg/L
SW	SWQ-2A	2/25/1982	pH	8.4	pH units
SW	SWQ-2A	2/25/1982	Chloride	50	mg/L
SW	SWQ-2A	2/25/1982	Fluoride	0.7	mg/L
SW	SWQ-2A	2/25/1982	Nitrogen, Nitrate (As N)	0.2	mg/L
SW	SWQ-2A	2/25/1982	Sulfate	320	mg/L
SW	SWQ-2A	2/25/1982	TDS	800	mg/L
SW	SWQ-2A	2/25/1982	Cadmium	<0.005	mg/L
SW	SWQ-2A	2/25/1982	Copper	<0.05	mg/L
SW	SWQ-2A	2/25/1982	Cyanide	<0.01	mg/L
SW	SWQ-2A	2/25/1982	Iron	0.1	mg/L

SURFACE WATER ANALYSIS DATA

SW	SWQ-2A	2/25/1982	Manganese	<0.05	mg/L
SW	SWQ-2A	2/25/1982	Mercury	<0.001	mg/L
SW	SWQ-2A	2/25/1982	Selenium	<0.005	mg/L
SW	SWQ-2A	2/25/1982	Molybdenum	<0.05	mg/L
SW	SWQ-2	5/12/1982	pH	7.9	pH units
SW	SWQ-2	5/12/1982	Chloride	108	mg/L
SW	SWQ-2	5/12/1982	Fluoride	0.7	mg/L
SW	SWQ-2	5/12/1982	Nitrogen, Nitrate (As N)	3	mg/L
SW	SWQ-2	5/12/1982	Sulfate	700	mg/L
SW	SWQ-2	5/12/1982	TDS	1380	mg/L
SW	SWQ-2	5/12/1982	Cadmium	<0.005	mg/L
SW	SWQ-2	5/12/1982	Copper	<0.05	mg/L
SW	SWQ-2	5/12/1982	Cyanide	<0.01	mg/L
SW	SWQ-2	5/12/1982	Iron	<0.01	mg/L
SW	SWQ-2	5/12/1982	Manganese	<0.05	mg/L
SW	SWQ-2	5/12/1982	Mercury	<0.001	mg/L
SW	SWQ-2	5/12/1982	Selenium	<0.005	mg/L
SW	SWQ-2	5/12/1982	Molybdenum	<0.05	mg/L
SW	SWQ-1	12/28/1982	pH	8	pH units
SW	SWQ-1	12/28/1982	Chloride	10	mg/L
SW	SWQ-1	12/28/1982	Fluoride	0.3	mg/L
SW	SWQ-1	12/28/1982	Nitrogen, Nitrate (As N)	0.9	mg/L
SW	SWQ-1	12/28/1982	Sulfate	68	mg/L
SW	SWQ-1	12/28/1982	TDS	250	mg/L
SW	SWQ-1	12/28/1982	Cadmium	<0.005	mg/L
SW	SWQ-1	12/28/1982	Copper	<0.05	mg/L
SW	SWQ-1	12/28/1982	Cyanide	<0.01	mg/L
SW	SWQ-1	12/28/1982	Iron	<0.01	mg/L
SW	SWQ-1	12/28/1982	Manganese	<0.05	mg/L
SW	SWQ-1	12/28/1982	Mercury	<0.001	mg/L
SW	SWQ-1	12/28/1982	Selenium	<0.005	mg/L
SW	SWQ-1	12/28/1982	Molybdenum	<0.05	mg/L
SW	SWQ-1	2/21/1983	pH	8	pH units
SW	SWQ-1	2/21/1983	Chloride	20	mg/L
SW	SWQ-1	2/21/1983	Fluoride	0.3	mg/L
SW	SWQ-1	2/21/1983	Nitrogen, Nitrate (As N)	4.4	mg/L
SW	SWQ-1	2/21/1983	Sulfate	161	mg/L
SW	SWQ-1	2/21/1983	TDS	470	mg/L
SW	SWQ-1	2/21/1983	Cadmium	<0.005	mg/L
SW	SWQ-1	2/21/1983	Copper	<0.05	mg/L
SW	SWQ-1	2/21/1983	Cyanide	<0.01	mg/L
SW	SWQ-1	2/21/1983	Iron	<0.01	mg/L
SW	SWQ-1	2/21/1983	Manganese	<0.05	mg/L
SW	SWQ-1	2/21/1983	Mercury	<0.001	mg/L
SW	SWQ-1	2/21/1983	Selenium	<0.005	mg/L
SW	SWQ-1	2/21/1983	Molybdenum	<0.05	mg/L
SW	SWQ-2	2/21/1983	pH	8.4	pH units
SW	SWQ-2	2/21/1983	Chloride	68	mg/L
SW	SWQ-2	2/21/1983	Fluoride	0.7	mg/L
SW	SWQ-2	2/21/1983	Nitrogen, Nitrate (As N)	0.8	mg/L
SW	SWQ-2	2/21/1983	Sulfate	445	mg/L
SW	SWQ-2	2/21/1983	TDS	990	mg/L
SW	SWQ-2	2/21/1983	Cadmium	<0.005	mg/L
SW	SWQ-2	2/21/1983	Copper	<0.05	mg/L
SW	SWQ-2	2/21/1983	Cyanide	<0.01	mg/L
SW	SWQ-2	2/21/1983	Iron	<0.01	mg/L
SW	SWQ-2	2/21/1983	Manganese	<0.05	mg/L
SW	SWQ-2	2/21/1983	Mercury	<0.001	mg/L
SW	SWQ-2	2/21/1983	Selenium	<0.005	mg/L
SW	SWQ-2	2/21/1983	Molybdenum	<0.05	mg/L
SW	SWQ-2	5/13/1983	pH	8.4	pH units
SW	SWQ-2	5/13/1983	Chloride	84	mg/L
SW	SWQ-2	5/13/1983	Fluoride	0.8	mg/L
SW	SWQ-2	5/13/1983	Nitrogen, Nitrate (As N)	0.3	mg/L
SW	SWQ-2	5/13/1983	Sulfate	517	mg/L
SW	SWQ-2	5/13/1983	TDS	1120	mg/L
SW	SWQ-2	5/13/1983	Cadmium	<0.005	mg/L
SW	SWQ-2	5/13/1983	Copper	<0.05	mg/L
SW	SWQ-2	5/13/1983	Cyanide	<0.01	mg/L
SW	SWQ-2	5/13/1983	Iron	<0.01	mg/L
SW	SWQ-2	5/13/1983	Manganese	<0.05	mg/L
SW	SWQ-2	5/13/1983	Mercury	<0.001	mg/L
SW	SWQ-2	5/13/1983	Selenium	<0.005	mg/L
SW	SWQ-2	5/13/1983	Molybdenum	<0.05	mg/L
SW	SWQ-2	8/5/1983	pH	8	pH units
SW	SWQ-2	8/9/1983	Chloride	142	mg/L

SURFACE WATER ANALYSIS DATA

SW	SWC-2	8/9/1983	Fluoride	0.7	mg/L
SW	SWO-2	8/9/1983	Nitrogen, Nitrate (As N)	<0.2	mg/L
SW	SWO-2	8/9/1983	Sulfate	675	mg/L
SW	SWC-2	8/9/1983	TDS	1820	mg/L
SW	SWO-2	8/9/1983	Cadmium	<0.005	mg/L
SW	SWO-2	8/9/1983	Copper	<0.05	mg/L
SW	SWC-2	8/9/1983	Cyanide	<0.01	mg/L
SW	SWO-2	8/9/1983	Iron	<0.01	mg/L
SW	SWC-2	8/9/1983	Manganese	0.058	mg/L
SW	SWC-2	8/9/1983	Mercury	<0.001	mg/L
SW	SWC-2	8/9/1983	Selenium	<0.005	mg/L
SW	SWC-2	8/9/1983	Molybdenum	<0.05	mg/L
SW	SWO-2	11/1/1983	pH	8.2	pH units
SW	SWC-2	11/1/1983	Chloride	72	mg/L
SW	SWC-2	11/1/1983	Fluoride	6.8	mg/L
SW	SWO-2	11/1/1983	Nitrogen, Nitrate (As N)	0.3	mg/L
SW	SWC-2	11/1/1983	Sulfate	553	mg/L
SW	SWC-2	11/1/1983	TDS	1170	mg/L
SW	SWC-2	11/1/1983	Cadmium	<0.005	mg/L
SW	SWC-2	11/1/1983	Copper	<0.05	mg/L
SW	SWO-2	11/1/1983	Cyanide	<0.01	mg/L
SW	SWC-2	11/1/1983	Iron	<0.01	mg/L
SW	SWO-2	11/1/1983	Manganese	<0.05	mg/L
SW	SWO-2	11/1/1983	Mercury	<0.001	mg/L
SW	SWC-2	11/1/1983	Selenium	<0.005	mg/L
SW	SWO-2	11/1/1983	Molybdenum	<0.05	mg/L
SW	SWO-2	12/23/1983	pH	8	pH units
SW	SWC-2	12/23/1983	Chloride	82	mg/L
SW	SWO-2	12/23/1983	Fluoride	0.5	mg/L
SW	SWC-2	12/23/1983	Nitrogen, Nitrate (As N)	11.2	mg/L
SW	SWO-2	12/23/1983	Sulfate	550	mg/L
SW	SWC-2	12/23/1983	TDS	1180	mg/L
SW	SWC-2	12/23/1983	Cadmium	<0.005	mg/L
SW	SWO-2	12/23/1983	Copper	<0.05	mg/L
SW	SWC-2	12/23/1983	Cyanide	<0.01	mg/L
SW	SWC-2	12/23/1983	Iron	<0.01	mg/L
SW	SWO-2	12/23/1983	Manganese	<0.05	mg/L
SW	SWC-2	12/23/1983	Mercury	<0.001	mg/L
SW	SWC-2	12/23/1983	Selenium	<0.005	mg/L
SW	SWC-2	12/23/1983	Molybdenum	<0.05	mg/L
SW	SWC-2	3/16/1984	pH	8.3	pH units
SW	SWO-2	3/16/1984	Chloride	66	mg/L
SW	SWC-2	3/16/1984	Fluoride	6.8	mg/L
SW	SWO-2	3/16/1984	Nitrogen, Nitrate (As N)	5.3	mg/L
SW	SWO-2	3/16/1984	Sulfate	515	mg/L
SW	SWC-2	3/16/1984	TDS	1140	mg/L
SW	SWO-2	3/16/1984	Cadmium	<0.005	mg/L
SW	SWO-2	3/16/1984	Copper	<0.05	mg/L
SW	SWC-2	3/16/1984	Cyanide	<0.01	mg/L
SW	SWC-2	3/16/1984	Iron	<0.01	mg/L
SW	SWC-2	3/16/1984	Manganese	<0.05	mg/L
SW	SWO-2	3/16/1984	Mercury	<0.001	mg/L
SW	SWC-2	3/16/1984	Selenium	<0.005	mg/L
SW	SWC-2	3/16/1984	Molybdenum	<0.05	mg/L
SW	SWO-2	5/30/1984	pH	8.1	pH units
SW	SWC-2	5/30/1984	Chloride	94	mg/L
SW	SWC-2	5/30/1984	Fluoride	6.8	mg/L
SW	SWO-2	5/30/1984	Nitrogen, Nitrate (As N)	0.4	mg/L
SW	SWC-2	5/30/1984	Sulfate	720	mg/L
SW	SWC-2	5/30/1984	TDS	1420	mg/L
SW	SWC-2	5/30/1984	Cadmium	<0.005	mg/L
SW	SWO-2	5/30/1984	Copper	<0.05	mg/L
SW	SWO-2	5/30/1984	Cyanide	<0.01	mg/L
SW	SWC-2	5/30/1984	Iron	<0.01	mg/L
SW	SWO-2	5/30/1984	Manganese	<0.05	mg/L
SW	SWO-2	5/30/1984	Mercury	<0.001	mg/L
SW	SWC-2	5/30/1984	Selenium	<0.005	mg/L
SW	SWO-2	5/30/1984	Molybdenum	<0.05	mg/L
SW	SWC-2	9/12/1984	pH	8.1	pH units
SW	SWC-2	9/12/1984	Chloride	80	mg/L
SW	SWC-2	9/12/1984	Fluoride	0.9	mg/L
SW	SWC-2	9/12/1984	Nitrogen, Nitrate (As N)	0.4	mg/L
SW	SWO-2	9/12/1984	Sulfate	577	mg/L
SW	SWC-2	9/12/1984	TDS	1190	mg/L
SW	SWC-2	9/12/1984	Cadmium	<0.005	mg/L
SW	SWO-2	9/12/1984	Copper	<0.05	mg/L

SURFACE WATER ANALYSIS DATA

SW	SWC-2	9/12/1984	Cyanide	<0.01	mg/L
SW	SWO-2	9/12/1984	Iron	<0.01	mg/L
SW	SWO-2	9/12/1984	Manganese	<0.05	mg/L
SW	SWC-2	9/12/1984	Mercury	<0.001	mg/L
SW	SWO-2	9/12/1984	Selenium	<0.005	mg/L
SW	SWQ-2	9/12/1984	Molybdenum	<0.05	mg/L
SW	SWC-2	11/27/1984	pH	8.2	pH units
SW	SWQ-2	11/27/1984	Chloride	86	mg/L
SW	SWC-2	11/27/1984	Fluoride	0.8	mg/L
SW	SWC-2	11/27/1984	Nitrogen, Nitrate (As N)	<0.2	mg/L
SW	SWC-2	11/27/1984	Sulfate	675	mg/L
SW	SWC-2	11/27/1984	TDS	1380	mg/L
SW	SWO-2	11/27/1984	Cadmium	<0.005	mg/L
SW	SWC-2	11/27/1984	Copper	<0.05	mg/L
SW	SWC-2	11/27/1984	Cyanide	<0.01	mg/L
SW	SWQ-2	11/27/1984	Iron	<0.01	mg/L
SW	SWC-2	11/27/1984	Manganese	<0.05	mg/L
SW	SWC-2	11/27/1984	Mercury	<0.001	mg/L
SW	SWC-2	11/27/1984	Selenium	<0.005	mg/L
SW	SWC-2	11/27/1984	Molybdenum	<0.05	mg/L
SW	SWO-2	5/17/1985	pH	8	pH units
SW	SWC-2	5/17/1985	Chloride	102	mg/L
SW	SWO-2	5/17/1985	Sulfate	770	mg/L
SW	SWO-2	5/17/1985	TDS	1640	mg/L
SW	SWC-2	11/13/1985	pH	7.9	pH units
SW	SWO-2	11/13/1985	Chloride	94	mg/L
SW	SWQ-2	11/13/1985	Sulfate	770	mg/L
SW	SWC-2	11/13/1985	TDS	1590	mg/L
SW	SWQ-2	10/13/1986	pH	7.9	pH units
SW	SWC-2	10/13/1986	Chloride	136	mg/L
SW	SWO-2	10/13/1986	Sulfate	830	mg/L
SW	SWC-2	10/13/1986	TDS	1840	mg/L
SW	SWC-2	7/19/1991	pH	7.57	pH units
SW	SWO-2	7/19/1991	Specific Conductance	4510	µmhos/cm
SW	SWC-2	7/19/1991	Calcium	581.1	mg/L
SW	SWC-2	7/19/1991	Chloride	216.7	mg/L
SW	SWQ-2	7/19/1991	Fluoride	0.57	mg/L
SW	SWC-2	7/19/1991	Nitrogen, Nitrate (As N)	12.74	mg/L
SW	SWC-2	7/19/1991	Sodium	264.3	mg/L
SW	SWC-2	7/19/1991	Potassium	10.9	mg/L
SW	SWC-2	7/19/1991	Sulfate	1565.5	mg/L
SW	SWO-2	7/19/1991	TDS	3019	mg/L
SW	SWC-2	7/19/1991	As	<0.002	mg/L
SW	SWO-2	7/19/1991	Ba	<0.01	mg/L
SW	SWO-2	7/19/1991	Cadmium	<0.005	mg/L
SW	SWC-2	7/19/1991	Chromium	<0.02	mg/L
SW	SWQ-2	7/19/1991	Lead	<0.005	mg/L
SW	SWQ-2	7/19/1991	Iron	<0.05	mg/L
SW	SWC-2	7/19/1991	Magnesium	129.1	mg/L
SW	SWC-2	7/19/1991	Manganese	<0.02	mg/L
SW	SWC-2	7/19/1991	Mercury	<0.0002	mg/L
SW	SWO-2	7/19/1991	Ag	<0.02	mg/L
SW	SWC-2	7/19/1991	Selenium	<0.001	mg/L
SW	SWC-3	7/19/1991	pH	7.52	pH units
SW	SWO-3	7/19/1991	Specific Conductance	3120	µmhos/cm
SW	SWC-3	7/19/1991	Calcium	334.1	mg/L
SW	SWC-3	7/19/1991	Chloride	143.9	mg/L
SW	SWQ-3	7/19/1991	Fluoride	0.73	mg/L
SW	SWC-3	7/19/1991	Nitrogen, Nitrate (As N)	1.36	mg/L
SW	SWC-3	7/19/1991	Sodium	169.5	mg/L
SW	SWC-3	7/19/1991	Potassium	7.4	mg/L
SW	SWO-3	7/19/1991	Sulfate	1108.2	mg/L
SW	SWO-3	7/19/1991	TDS	2191	mg/L
SW	SWC-3	7/19/1991	As	<0.002	mg/L
SW	SWO-3	7/19/1991	Ba	0.03	mg/L
SW	SWQ-3	7/19/1991	Cadmium	<0.005	mg/L
SW	SWC-3	7/19/1991	Chromium	<0.02	mg/L
SW	SWQ-3	7/19/1991	Lead	<0.005	mg/L
SW	SWC-3	7/19/1991	Iron	0.14	mg/L
SW	SWC-3	7/19/1991	Magnesium	84.6	mg/L
SW	SWC-3	7/19/1991	Manganese	<0.02	mg/L
SW	SWC-3	7/19/1991	Mercury	<0.0002	mg/L
SW	SWO-3	7/19/1991	Ag	<0.02	mg/L
SW	SWC-3	7/19/1991	Selenium	<0.001	mg/L
SW	SWC-3	8/29/1991	pH	7.82	pH units
SW	SWO-3	8/29/1991	Chloride	251.3	mg/L

SURFACE WATER ANALYSIS DATA

SW	SWC-3	9/29/1991	Sulfate	1884.2	mg/L
SW	SWO-3	8/29/1991	TDS	3596	mg/L
SW	SWO-3	8/29/1991	Copper	0.015	mg/L
SW	SWC-3	11/26/1991	pH	7.71	pH units
SW	SWO-3	11/26/1991	Chloride	141.1	mg/L
SW	SWQ-3	11/26/1991	Sulfate	1419	mg/L
SW	SWC-3	11/26/1991	TDS	2857	mg/L
SW	SWQ-3	11/26/1991	Copper	0.001	mg/L
SW	SWC-3	3/15/1992	pH	8.08	pH units
SW	SWC-3	3/15/1992	Chloride	99.2	mg/L
SW	SWC-3	3/15/1992	Sulfate	1247.6	mg/L
SW	SWC-3	3/15/1992	TDS	2393	mg/L
SW	SWO-3	5/25/1992	pH	8.07	pH units
SW	SWC-3	5/25/1992	Chloride	102.9	mg/L
SW	SWC-3	5/25/1992	Sulfate	1165.2	mg/L
SW	SWQ-3	5/25/1992	TDS	2350	mg/L
SW	SWC-1	7/16/1992	pH	7.37	pH units
SW	SWC-1	7/16/1992	Chloride	47.2	mg/L
SW	SWQ-1	7/16/1992	Sulfate	298.3	mg/L
SW	SWC-1	7/16/1992	TDS	965	mg/L
SW	SWO-2	7/16/1992	pH	7.57	pH units
SW	SWC-2	7/16/1992	Chloride	93.4	mg/L
SW	SWO-2	7/16/1992	Sulfate	1154.9	mg/L
SW	SWO-2	7/16/1992	TDS	2305	mg/L
SW	SWC-3	7/16/1992	pH	7.66	pH units
SW	SWO-3	7/16/1992	Chloride	126.7	mg/L
SW	SWQ-3	7/16/1992	Sulfate	1654	mg/L
SW	SWC-3	7/16/1992	TDS	3364	mg/L
SW	SWQ-2	10/8/1992	pH	7.53	pH units
SW	SWC-2	10/8/1992	Chloride	130.7	mg/L
SW	SWO-2	10/8/1992	Sulfate	1470.5	mg/L
SW	SWC-2	10/8/1992	TDS	2885	mg/L
SW	SWC-3	10/9/1992	pH	7.48	pH units
SW	SWO-3	10/9/1992	Chloride	174.4	mg/L
SW	SWC-3	10/9/1992	Sulfate	1887.1	mg/L
SW	SWC-3	10/9/1992	TDS	3611	mg/L
SW	SWQ-1	11/27/1992	pH	8.31	pH units
SW	SWC-1	11/27/1992	Chloride	16.7	mg/L
SW	SWC-1	11/27/1992	Sulfate	160.8	mg/L
SW	SWQ-1	11/27/1992	TDS	545	mg/L
SW	SWC-3	11/27/1992	pH	8.35	pH units
SW	SWO-3	11/27/1992	Chloride	160.5	mg/L
SW	SWC-3	11/27/1992	Sulfate	962.2	mg/L
SW	SWO-3	11/27/1992	TDS	1566	mg/L
SW	SWO-2	12/15/1992	pH	7.61	pH units
SW	SWC-2	12/15/1992	Chloride	182.5	mg/L
SW	SWQ-2	12/15/1992	Sulfate	1613	mg/L
SW	SWQ-2	12/15/1992	TDS	3108	mg/L
SW	SWC-3	12/15/1992	pH	8.15	pH units
SW	SWC-3	12/15/1992	Chloride	221.6	mg/L
SW	SWC-3	12/15/1992	Sulfate	1549.4	mg/L
SW	SWO-3	12/15/1992	TDS	3436	mg/L
SW	SWC-1	2/25/1993	pH	8.34	pH units
SW	SWC-1	2/25/1993	Chloride	28.8	mg/L
SW	SWO-1	2/25/1993	Sulfate	325.1	mg/L
SW	SWC-1	2/25/1993	TDS	844	mg/L
SW	SWC-2	2/25/1993	pH	7.58	pH units
SW	SWQ-2	2/25/1993	Chloride	135.9	mg/L
SW	SWC-2	2/25/1993	Sulfate	1459.3	mg/L
SW	SWC-2	2/25/1993	TDS	2713	mg/L
SW	SWC-3	2/25/1993	pH	8.01	pH units
SW	SWO-3	2/25/1993	Chloride	150.7	mg/L
SW	SWO-3	2/25/1993	Sulfate	1573.7	mg/L
SW	SWC-3	2/25/1993	TDS	2974	mg/L
SW	SWO-3	9/28/1993	pH	8.13	pH units
SW	SWQ-3	9/28/1993	Chloride	226.9	mg/L
SW	SWC-3	9/28/1993	Sulfate	1254	mg/L
SW	SWQ-3	9/28/1993	TDS	4432	mg/L
SW	SWC-2	6/23/1994	pH	8.87	pH units
SW	SWC-2	6/23/1994	Chloride	197.3	mg/L
SW	SWC-2	6/23/1994	Sulfate	2369	mg/L
SW	SWC-2	6/23/1994	TDS	3958	mg/L
SW	SWO-3	6/23/1994	pH	8.37	pH units
SW	SWC-3	6/23/1994	Chloride	157.4	mg/L
SW	SWC-3	6/23/1994	Sulfate	1712	mg/L
SW	SWO-3	6/23/1994	TDS	2954	mg/L

SURFACE WATER ANALYSIS DATA

SW	SWC-2	1/29/1995	pH	7.64	pH units
SW	SWO-2	1/29/1995	Chloride	89.2	mg/L
SW	SWO-2	1/29/1995	Sulfate	1266.2	mg/L
SW	SWC-2	1/29/1995	TDS	2853	mg/L
SW	SWO-3	1/29/1995	pH	7.93	pH units
SW	SWQ-3	1/29/1995	Chloride	237.6	mg/L
SW	SWC-3	1/29/1995	Sulfate	1671.7	mg/L
SW	SWQ-3	1/29/1995	TDS	3165	mg/L
SW	SWC-2	3/29/1995	pH	7.83	pH units
SW	SWC-2	3/29/1995	Chloride	85.9	mg/L
SW	SWC-2	3/29/1995	Sulfate	1388.2	mg/L
SW	SWC-2	3/29/1995	TDS	2686	mg/L
SW	SWO-3	3/29/1995	pH	8.23	pH units
SW	SWC-3	3/29/1995	Chloride	100.6	mg/L
SW	SWC-3	3/29/1995	Sulfate	1709.7	mg/L
SW	SWQ-3	3/29/1995	TDS	3216	mg/L
SW	SWC-2	6/27/1995	pH	7.74	pH units
SW	SWC-2	6/27/1995	Chloride	127.3	mg/L
SW	SWC-2	6/27/1995	Sulfate	1877	mg/L
SW	SWC-2	6/27/1995	TDS	3235	mg/L
SW	SWO-3	6/27/1995	pH	7.51	pH units
SW	SWC-3	6/27/1995	Chloride	200.3	mg/L
SW	SWO-3	6/27/1995	Sulfate	1792.4	mg/L
SW	SWO-3	6/27/1995	TDS	3593	mg/L
SW	SWC-2	9/21/1995	pH	7.58	pH units
SW	SWO-2	9/21/1995	Chloride	31.1	mg/L
SW	SWQ-2	9/21/1995	Sulfate	271.2	mg/L
SW	SWC-2	9/21/1995	TDS	600	mg/L
SW	SWQ-3	9/21/1995	pH	8.73	pH units
SW	SWC-3	9/21/1995	Chloride	178.5	mg/L
SW	SWO-3	9/21/1995	Sulfate	2562	mg/L
SW	SWC-3	9/21/1995	TDS	3741	mg/L
SW	SWC-2	1/10/1996	pH	7.37	pH units
SW	SWO-2	1/10/1996	Chloride	167.2	mg/L
SW	SWC-2	1/10/1996	Sulfate	2338.9	mg/L
SW	SWC-2	1/10/1996	TDS	3891	mg/L
SW	SWQ-3	1/10/1996	pH	7.78	pH units
SW	SWC-3	1/10/1996	Chloride	112	mg/L
SW	SWC-3	1/10/1996	Sulfate	1536.6	mg/L
SW	SWC-3	1/10/1996	TDS	3888	mg/L
SW	SWC-2	4/3/1996	pH	8.06	pH units
SW	SWO-2	4/3/1996	Chloride	222.6	mg/L
SW	SWC-2	4/3/1996	Sulfate	2688.3	mg/L
SW	SWO-2	4/3/1996	TDS	4464	mg/L
SW	SWO-3	4/3/1996	Chloride	157	mg/L
SW	SWC-3	4/3/1996	Sulfate	2236.3	mg/L
SW	SWQ-3	4/3/1996	TDS	3655	mg/L
SW	SWQ-2	9/25/1996	pH	7.66	pH units
SW	SWC-2	9/25/1996	Chloride	143.7	mg/L
SW	SWC-2	9/25/1996	Sulfate	1987	mg/L
SW	SWC-2	9/25/1996	TDS	3897	mg/L
SW	SWO-3	9/25/1996	pH	7.64	pH units
SW	SWC-3	9/25/1996	Chloride	98.7	mg/L
SW	SWC-3	9/25/1996	Sulfate	1153	mg/L
SW	SWO-3	9/25/1996	TDS	2568	mg/L
SW	SWC-2	1/15/1997	pH	7.43	pH units
SW	SWC-2	1/15/1997	Chloride	148	mg/L
SW	SWQ-2	1/15/1997	Sulfate	1356	mg/L
SW	SWC-2	1/15/1997	TDS	3436	mg/L
SW	SWC-3	1/15/1997	pH	8.13	pH units
SW	SWC-3	1/15/1997	Chloride	148	mg/L
SW	SWO-3	1/15/1997	Sulfate	1356	mg/L
SW	SWO-3	1/15/1997	TDS	3436	mg/L
SW	PWS-1	8/19/2010	Aluminum	640	mg/L
SW	PWS-1	8/19/2010	Barium	<0.10	mg/L
SW	PWS-1	8/19/2010	Beryllium	0.14	mg/L
SW	PWS-1	8/19/2010	Boron	<2.0	mg/L
SW	PWS-1	8/19/2010	Cadmium	0.14	mg/L
SW	PWS-1	8/19/2010	Calcium	470	mg/L
SW	PWS-1	8/19/2010	Chromium	<0.30	mg/L
SW	PWS-1	8/19/2010	Cobalt	1.5	mg/L
SW	PWS-1	8/19/2010	Copper	80	mg/L
SW	PWS-1	8/19/2010	Iron	1600	mg/L
SW	PWS-1	8/19/2010	Lead	<0.25	mg/L
SW	PWS-1	8/19/2010	Magnesium	180	mg/L
SW	PWS-1	8/19/2010	Manganese	24	mg/L

SURFACE WATER ANALYSIS DATA

SW	PWS-1	8/19/2010	Molybdenum	<0.40	mg/L
SW	PWS-1	8/19/2010	Nickel	<0.50	mg/L
SW	PWS-1	8/19/2010	Potassium	<50	mg/L
SW	PWS-1	8/19/2010	Silver	<0.25	mg/L
SW	PWS-1	8/19/2010	Sodium	<50	mg/L
SW	PWS-1	8/19/2010	Vanadium	<2.5	mg/L
SW	PWS-1	8/19/2010	Zinc	12	mg/L
SW	PWS-1	8/19/2010	Antimony	<0.0010	mg/L
SW	PWS-1	8/19/2010	Arsenic	0.0016	mg/L
SW	PWS-1	8/19/2010	Selenium	0.086	mg/L
SW	PWS-1	8/19/2010	Thallium	<0.0010	mg/L
SW	PWS-1	8/19/2010	Uranium	1.4	mg/L
SW	PWS-1	8/19/2010	Mercury	<0.0010	mg/L
SW	PWS-1	8/19/2010	Fluoride	51	mg/L
SW	PWS-1	8/19/2010	Chloride	21	mg/L
SW	PWS-1	8/19/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
SW	PWS-1	8/19/2010	Sulfate	11000	mg/L
SW	PWS-1	8/19/2010	Alkalinity, Total (As CaCO3)	<20	mg/L CaCO3
SW	PWS-1	8/19/2010	Carbonate	<2.0	mg/L CaCO3
SW	PWS-1	8/19/2010	Bicarbonate	<20	mg/L CaCO3
SW	PWS-1	8/19/2010	Cyanide	<0.0050	mg/L
SW	PWS-1	8/19/2010	Specific Conductance	6500	µmhos/cm
SW	PWS-1	8/19/2010	pH	2	pH units
SW	PWS-1	8/19/2010	TDS	15900	mg/L
SW	PWS-1	8/19/2010	Residue Total	15000	mg/L
SW	PWS-1	8/19/2010	Suspended Solids	<10	mg/L
SW	PWS-1	8/19/2010	Silica	150	mg/L
SW	SWQ-3	8/19/2010	Aluminum	<0.020	mg/L
SW	SWQ-3	8/19/2010	Barium	0.062	mg/L
SW	SWQ-3	8/19/2010	Beryllium	<0.0020	mg/L
SW	SWQ-3	8/19/2010	Boron	6.14	mg/L
SW	SWQ-3	8/19/2010	Cadmium	<0.0020	mg/L
SW	SWQ-3	8/19/2010	Calcium	530	mg/L
SW	SWQ-3	8/19/2010	Chromium	<0.0060	mg/L
SW	SWQ-3	8/19/2010	Cobalt	<0.0060	mg/L
SW	SWQ-3	8/19/2010	Copper	0.062	mg/L
SW	SWQ-3	8/19/2010	Iron	0.055	mg/L
SW	SWQ-3	8/19/2010	Lead	<0.0050	mg/L
SW	SWQ-3	8/19/2010	Magnesium	150	mg/L
SW	SWQ-3	8/19/2010	Manganese	0.14	mg/L
SW	SWQ-3	8/19/2010	Molybdenum	0.047	mg/L
SW	SWQ-3	8/19/2010	Nickel	<0.010	mg/L
SW	SWQ-3	8/19/2010	Potassium	57	mg/L
SW	SWQ-3	8/19/2010	Silver	<0.0050	mg/L
SW	SWQ-3	8/19/2010	Sodium	490	mg/L
SW	SWQ-3	8/19/2010	Vanadium	<0.050	mg/L
SW	SWQ-3	8/19/2010	Zinc	0.023	mg/L
SW	SWQ-3	8/19/2010	Antimony	<0.0010	mg/L
SW	SWQ-3	8/19/2010	Arsenic	<0.0010	mg/L
SW	SWQ-3	8/19/2010	Selenium	0.013	mg/L
SW	SWQ-3	8/19/2010	Thallium	<0.0010	mg/L
SW	SWQ-3	8/19/2010	Uranium	0.029	mg/L
SW	SWQ-3	8/19/2010	Mercury	<0.00020	mg/L
SW	SWQ-3	8/19/2010	Fluoride	1.5	mg/L
SW	SWQ-3	8/19/2010	Chloride	130	mg/L
SW	SWQ-3	8/19/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
SW	SWQ-3	8/19/2010	Sulfate	2600	mg/L
SW	SWQ-3	8/19/2010	Alkalinity, Total (As CaCO3)	250	mg/L CaCO3
SW	SWQ-3	8/19/2010	Carbonate	<2.0	mg/L CaCO3
SW	SWQ-3	8/19/2010	Bicarbonate	250	mg/L CaCO3
SW	SWQ-3	8/19/2010	Cyanide	<0.0050	mg/L
SW	SWQ-3	8/19/2010	Specific Conductance	4100	µmhos/cm
SW	SWQ-3	8/19/2010	pH	8	pH units
SW	SWQ-3	8/19/2010	TDS	4500	mg/L
SW	SWQ-3	8/19/2010	Residue Total	4700	mg/L
SW	SWQ-3	8/19/2010	Suspended Solids	<10	mg/L
SW	SWQ-3	8/19/2010	Silica	40	mg/L
SW	LAC-E	8/20/2010	Aluminum	<0.020	mg/L
SW	LAC-E	8/20/2010	Barium	0.018	mg/L
SW	LAC-E	8/20/2010	Beryllium	<0.0020	mg/L
SW	LAC-E	8/20/2010	Boron	<0.040	mg/L
SW	LAC-E	8/20/2010	Cadmium	<0.0020	mg/L
SW	LAC-E	8/20/2010	Calcium	44	mg/L
SW	LAC-E	8/20/2010	Chromium	<0.0060	mg/L
SW	LAC-F	8/20/2010	Cobalt	<0.0060	mg/L
SW	LAC-E	8/20/2010	Copper	<0.0050	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-E	8/20/2010	Iron	<0.023	mg/L
SW	LAC-E	8/20/2010	Lead	<0.0050	mg/L
SW	LAC-E	8/20/2010	Magnesium	6.8	mg/L
SW	LAC-F	8/20/2010	Manganese	0.01	mg/L
SW	LAC-E	8/20/2010	Molybdenum	<0.0090	mg/L
SW	LAC-E	8/20/2010	Nickel	<0.010	mg/L
SW	LAC-E	8/20/2010	Potassium	1.9	mg/L
SW	LAC-E	8/20/2010	Silver	<0.0050	mg/L
SW	LAC-E	8/20/2010	Sodium	20	mg/L
SW	LAC-E	8/20/2010	Vanadium	<0.050	mg/L
SW	LAC-E	8/20/2010	Zinc	<0.010	mg/L
SW	LAC-E	8/20/2010	Antimony	<0.0010	mg/L
SW	LAC-E	8/20/2010	Arsenic	0.002	mg/L
SW	LAC-E	8/20/2010	Selenium	<0.0010	mg/L
SW	LAC-E	8/20/2010	Thallium	<0.0010	mg/L
SW	LAC-E	8/20/2010	Uranium	<0.0010	mg/L
SW	LAC-E	8/20/2010	Mercury	<0.00020	mg/L
SW	LAC-E	8/20/2010	Fluoride	0.45	mg/L
SW	LAC-E	8/20/2010	Chloride	9.8	mg/L
SW	LAC-E	8/20/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
SW	LAC-E	8/20/2010	Sulfate	11	mg/L
SW	LAC-E	8/20/2010	Alkalinity, Total (As CaCO3)	150	mg/L CaCO3
SW	LAC-E	8/20/2010	Carbonate	<2.0	mg/L CaCO3
SW	LAC-E	8/20/2010	Bicarbonate	150	mg/L CaCO3
SW	LAC-F	8/20/2010	Cyanide	<0.0050	mg/L
SW	LAC-E	8/20/2010	Specific Conductance	350	µmhos/cm
SW	LAC-E	8/20/2010	pH	8	pH units
SW	LAC-E	8/20/2010	TDS	236	mg/L
SW	LAC-E	8/20/2010	Residue Total	260	mg/L
SW	LAC-E	8/20/2010	Suspended Solids	11	mg/L
SW	LAC-E	8/20/2010	Silica	42	mg/L
SW	LAC-C	8/23/2010	Aluminum	<0.023	mg/L
SW	LAC-C	8/23/2010	Barium	0.014	mg/L
SW	LAC-C	8/23/2010	Beryllium	<0.0020	mg/L
SW	LAC-C	8/23/2010	Boron	<0.043	mg/L
SW	LAC-C	8/23/2010	Cadmium	<0.0020	mg/L
SW	LAC-C	8/23/2010	Calcium	36	mg/L
SW	LAC-C	8/23/2010	Chromium	<0.0060	mg/L
SW	LAC-C	8/23/2010	Cobalt	<0.0060	mg/L
SW	LAC-C	8/23/2010	Copper	<0.0080	mg/L
SW	LAC-C	8/23/2010	Iron	<0.023	mg/L
SW	LAC-C	8/23/2010	Lead	<0.0050	mg/L
SW	LAC-C	8/23/2010	Magnesium	6.2	mg/L
SW	LAC-C	8/23/2010	Manganese	0.0076	mg/L
SW	LAC-C	8/23/2010	Molybdenum	<0.0090	mg/L
SW	LAC-C	8/23/2010	Nickel	<0.010	mg/L
SW	LAC-C	8/23/2010	Potassium	2.1	mg/L
SW	LAC-C	8/23/2010	Silver	<0.0050	mg/L
SW	LAC-C	8/23/2010	Sodium	21	mg/L
SW	LAC-C	8/23/2010	Vanadium	<0.050	mg/L
SW	LAC-C	8/23/2010	Zinc	<0.010	mg/L
SW	LAC-C	8/23/2010	Antimony	<0.0010	mg/L
SW	LAC-C	8/23/2010	Arsenic	0.0021	mg/L
SW	LAC-C	8/23/2010	Selenium	<0.0010	mg/L
SW	LAC-C	8/23/2010	Thallium	<0.0010	mg/L
SW	LAC-C	8/23/2010	Uranium	<0.0010	mg/L
SW	LAC-C	8/23/2010	Mercury	<0.00020	mg/L
SW	LAC-C	8/23/2010	Fluoride	0.53	mg/L
SW	LAC-C	8/23/2010	Chloride	10	mg/L
SW	LAC-C	8/23/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
SW	LAC-C	8/23/2010	Sulfate	11	mg/L
SW	LAC-C	8/23/2010	Alkalinity, Total (As CaCO3)	150	mg/L CaCO3
SW	LAC-C	8/23/2010	Carbonate	<2.0	mg/L CaCO3
SW	LAC-C	8/23/2010	Bicarbonate	150	mg/L CaCO3
SW	LAC-C	8/23/2010	Cyanide	<0.0050	mg/L
SW	LAC-C	8/23/2010	Specific Conductance	300	µmhos/cm
SW	LAC-C	8/23/2010	pH	8	pH units
SW	LAC-C	8/23/2010	TDS	216	mg/L
SW	LAC-C	8/23/2010	Residue Total	220	mg/L
SW	LAC-C	8/23/2010	Suspended Solids	<10	mg/L
SW	LAC-C	8/23/2010	Silica	42	mg/L
SW	LAC-A	8/24/2010	Aluminum	<0.02	mg/L
SW	LAC-A	8/24/2010	Barium	0.011	mg/L
SW	LAC-A	8/24/2010	Beryllium	<0.002	mg/L
SW	LAC-A	8/24/2010	Boron	<0.04	mg/L
SW	LAC-A	8/24/2010	Cadmium	<0.002	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-A	8/24/2010	Calcium	27	mg/L
SW	LAC-A	8/24/2010	Chromium	<0.006	mg/L
SW	LAC-A	8/24/2010	Cobalt	<0.005	mg/L
SW	LAC-A	8/24/2010	Copper	<0.006	mg/L
SW	LAC-A	8/24/2010	Iron	0.023	mg/L
SW	LAC-A	8/24/2010	Lead	<0.005	mg/L
SW	LAC-A	8/24/2010	Magnesium	6.5	mg/L
SW	LAC-A	8/24/2010	Manganese	0.011	mg/L
SW	LAC-A	8/24/2010	Molybdenum	<0.008	mg/L
SW	LAC-A	8/24/2010	Nickel	<0.01	mg/L
SW	LAC-A	8/24/2010	Potassium	1.8	mg/L
SW	LAC-A	8/24/2010	Silicon	21	mg/L
SW	LAC-A	8/24/2010	Silver	<0.005	mg/L
SW	LAC-A	8/24/2010	Sodium	12	mg/L
SW	LAC-A	8/24/2010	Vanadium	<0.05	mg/L
SW	LAC-A	8/24/2010	Zinc	0.015	mg/L
SW	LAC-A	8/24/2010	Antimony	<0.001	mg/L
SW	LAC-A	8/24/2010	Arsenic	0.0012	mg/L
SW	LAC-A	8/24/2010	Selenium	<0.001	mg/L
SW	LAC-A	8/24/2010	Thallium	<0.001	mg/L
SW	LAC-A	8/24/2010	Uranium	<0.001	mg/L
SW	LAC-A	8/24/2010	Mercury	<0.0002	mg/L
SW	LAC-A	8/24/2010	Fluoride	0.31	mg/L
SW	LAC-A	8/24/2010	Chloride	2.8	mg/L
SW	LAC-A	8/24/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	LAC-A	8/24/2010	Sulfate	7.5	mg/L
SW	LAC-A	8/24/2010	Alkalinity, Total (As CaCO3)	100	mg/L CaCO3
SW	LAC-A	8/24/2010	Carbonate	<2	mg/L CaCO3
SW	LAC-A	8/24/2010	Bicarbonate	100	mg/L CaCO3
SW	LAC-A	8/24/2010	Cyanide	<0.005	mg/L
SW	LAC-A	8/24/2010	Specific Conductance	220	µmhos/cm
SW	LAC-A	8/24/2010	pH	8.25	pH units
SW	LAC-A	8/24/2010	TDS	173	mg/L
SW	LAC-A	8/24/2010	Residue Total	160	mg/L
SW	LAC-A	8/24/2010	Suspended Solids	<10	mg/L
SW	LAC-B	8/24/2010	Aluminum	<0.02	mg/L
SW	LAC-B	8/24/2010	Barium	0.012	mg/L
SW	LAC-B	8/24/2010	Beryllium	<0.002	mg/L
SW	LAC-B	8/24/2010	Boron	<0.04	mg/L
SW	LAC-B	8/24/2010	Cadmium	<0.002	mg/L
SW	LAC-B	8/24/2010	Calcium	26	mg/L
SW	LAC-B	8/24/2010	Chromium	<0.006	mg/L
SW	LAC-B	8/24/2010	Cobalt	<0.005	mg/L
SW	LAC-B	8/24/2010	Copper	<0.006	mg/L
SW	LAC-B	8/24/2010	Iron	0.02	mg/L
SW	LAC-B	8/24/2010	Lead	<0.005	mg/L
SW	LAC-B	8/24/2010	Magnesium	6.2	mg/L
SW	LAC-B	8/24/2010	Manganese	0.011	mg/L
SW	LAC-B	8/24/2010	Molybdenum	<0.008	mg/L
SW	LAC-B	8/24/2010	Nickel	<0.01	mg/L
SW	LAC-B	8/24/2010	Potassium	2	mg/L
SW	LAC-B	8/24/2010	Silicon	21	mg/L
SW	LAC-B	8/24/2010	Silver	<0.005	mg/L
SW	LAC-B	8/24/2010	Sodium	17	mg/L
SW	LAC-B	8/24/2010	Vanadium	<0.05	mg/L
SW	LAC-B	8/24/2010	Zinc	0.014	mg/L
SW	LAC-B	8/24/2010	Antimony	<0.001	mg/L
SW	LAC-B	8/24/2010	Arsenic	0.0016	mg/L
SW	LAC-B	8/24/2010	Selenium	<0.001	mg/L
SW	LAC-B	8/24/2010	Thallium	<0.001	mg/L
SW	LAC-B	8/24/2010	Uranium	<0.001	mg/L
SW	LAC-B	8/24/2010	Mercury	<0.0002	mg/L
SW	LAC-B	8/24/2010	Fluoride	0.4	mg/L
SW	LAC-B	8/24/2010	Chloride	8.6	mg/L
SW	LAC-B	8/24/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	LAC-B	8/24/2010	Sulfate	9	mg/L
SW	LAC-B	8/24/2010	Alkalinity, Total (As CaCO3)	110	mg/L CaCO3
SW	LAC-B	8/24/2010	Carbonate	<2	mg/L CaCO3
SW	LAC-B	8/24/2010	Bicarbonate	110	mg/L CaCO3
SW	LAC-B	8/24/2010	Cyanide	<0.005	mg/L
SW	LAC-B	8/24/2010	Specific Conductance	280	µmhos/cm
SW	LAC-B	8/24/2010	pH	8.2	pH units
SW	LAC-B	8/24/2010	TDS	166	mg/L
SW	LAC-B	8/24/2010	Residue Total	200	mg/L
SW	LAC-B	8/24/2010	Suspended Solids	<10	mg/L
SW	LAC-D	8/24/2010	Aluminum	<0.02	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-D	8/24/2010	Barium	0.018	mg/L
SW	LAC-D	8/24/2010	Beryllium	<0.002	mg/L
SW	LAC-D	8/24/2010	Boron	<0.04	mg/L
SW	LAC-D	8/24/2010	Cadmium	<0.002	mg/L
SW	LAC-D	8/24/2010	Calcium	49	mg/L
SW	LAC-D	8/24/2010	Chromium	<0.006	mg/L
SW	LAC-D	8/24/2010	Cobalt	<0.006	mg/L
SW	LAC-D	8/24/2010	Copper	<0.006	mg/L
SW	LAC-D	8/24/2010	Iron	<0.02	mg/L
SW	LAC-D	8/24/2010	Lead	<0.005	mg/L
SW	LAC-D	8/24/2010	Magnesium	7.4	mg/L
SW	LAC-D	8/24/2010	Manganese	0.0065	mg/L
SW	LAC-D	8/24/2010	Molybdenum	<0.008	mg/L
SW	LAC-D	8/24/2010	Nickel	<0.01	mg/L
SW	LAC-D	8/24/2010	Potassium	2	mg/L
SW	LAC-D	8/24/2010	Silicon	17	mg/L
SW	LAC-D	8/24/2010	Silver	<0.005	mg/L
SW	LAC-D	8/24/2010	Sodium	25	mg/L
SW	LAC-D	8/24/2010	Vanadium	<0.05	mg/L
SW	LAC-D	8/24/2010	Zinc	<0.01	mg/L
SW	LAC-D	8/24/2010	Antimony	<0.001	mg/L
SW	LAC-D	8/24/2010	Arsenic	0.0022	mg/L
SW	LAC-D	8/24/2010	Selenium	<0.001	mg/L
SW	LAC-D	8/24/2010	Thallium	<0.001	mg/L
SW	LAC-D	8/24/2010	Uranium	<0.001	mg/L
SW	LAC-D	8/24/2010	Mercury	<0.0002	mg/L
SW	LAC-D	8/24/2010	Fluoride	0.52	mg/L
SW	LAC-D	8/24/2010	Chloride	12	mg/L
SW	LAC-D	8/24/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	LAC-D	8/24/2010	Sulfate	12	mg/L
SW	LAC-D	8/24/2010	Alkalinity, Total (As CaCO3)	160	mg/L CaCO3
SW	LAC-D	8/24/2010	Carbonate	<2	mg/L CaCO3
SW	LAC-D	8/24/2010	Bicarbonate	180	mg/L CaCO3
SW	LAC-D	8/24/2010	Cyanide	<0.005	mg/L
SW	LAC-D	8/24/2010	Specific Conductance	370	µmhos/cm
SW	LAC-D	8/24/2010	pH	8.08	pH units
SW	LAC-D	8/24/2010	TDS	255	mg/L
SW	LAC-D	8/24/2010	Residue Total	260	mg/L
SW	LAC-D	8/24/2010	Suspended Solids	<10	mg/L
SW	NWS	8/24/2010	Aluminum	<0.02	mg/L
SW	NWS	8/24/2010	Barium	0.023	mg/L
SW	NWS	8/24/2010	Beryllium	<0.002	mg/L
SW	NWS	8/24/2010	Boron	0.041	mg/L
SW	NWS	8/24/2010	Cadmium	<0.002	mg/L
SW	NWS	8/24/2010	Calcium	39	mg/L
SW	NWS	8/24/2010	Chromium	<0.006	mg/L
SW	NWS	8/24/2010	Cobalt	<0.006	mg/L
SW	NWS	8/24/2010	Copper	<0.006	mg/L
SW	NWS	8/24/2010	Iron	<0.02	mg/L
SW	NWS	8/24/2010	Lead	<0.005	mg/L
SW	NWS	8/24/2010	Magnesium	13	mg/L
SW	NWS	8/24/2010	Manganese	<0.002	mg/L
SW	NWS	8/24/2010	Molybdenum	<0.008	mg/L
SW	NWS	8/24/2010	Nickel	<0.01	mg/L
SW	NWS	8/24/2010	Potassium	3.7	mg/L
SW	NWS	8/24/2010	Silicon	12	mg/L
SW	NWS	8/24/2010	Silver	<0.005	mg/L
SW	NWS	8/24/2010	Sodium	65	mg/L
SW	NWS	8/24/2010	Vanadium	<0.05	mg/L
SW	NWS	8/24/2010	Zinc	0.012	mg/L
SW	NWS	8/24/2010	Antimony	<0.001	mg/L
SW	NWS	8/24/2010	Arsenic	0.0065	mg/L
SW	NWS	8/24/2010	Selenium	<0.001	mg/L
SW	NWS	8/24/2010	Thallium	<0.001	mg/L
SW	NWS	8/24/2010	Uranium	0.0011	mg/L
SW	NWS	8/24/2010	Mercury	<0.0002	mg/L
SW	NWS	8/24/2010	Fluoride	1.7	mg/L
SW	NWS	8/24/2010	Chloride	75	mg/L
SW	NWS	8/24/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	NWS	8/24/2010	Sulfate	29	mg/L
SW	NWS	8/24/2010	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
SW	NWS	8/24/2010	Carbonate	<2	mg/L CaCO3
SW	NWS	8/24/2010	Bicarbonate	170	mg/L CaCO3
SW	NWS	8/24/2010	Cyanide	<0.005	mg/L
SW	NWS	8/24/2010	Specific Conductance	560	µmhos/cm
SW	NWS	8/24/2010	pH	7.96	pH units

SURFACE WATER ANALYSIS DATA

SW	NWS	8/24/2010	TDS	342	mg/L
SW	NWS	8/24/2010	Residue Total	350	mg/L
SW	NWS	8/24/2010	Suspended Solids	<10	mg/L
SW	PC-A	8/24/2010	Aluminum	<0.02	mg/L
SW	PC-A	8/24/2010	Barium	0.04	mg/L
SW	PC-A	8/24/2010	Beryllium	<0.002	mg/L
SW	PC-A	8/24/2010	Boron	<0.04	mg/L
SW	PC-A	8/24/2010	Cadmium	<0.002	mg/L
SW	PC-A	8/24/2010	Calcium	77	mg/L
SW	PC-A	8/24/2010	Chromium	<0.006	mg/L
SW	PC-A	8/24/2010	Cobalt	<0.008	mg/L
SW	PC-A	8/24/2010	Copper	<0.006	mg/L
SW	PC-A	8/24/2010	Iron	<0.02	mg/L
SW	PC-A	8/24/2010	Lead	<0.005	mg/L
SW	PC-A	8/24/2010	Magnesium	14	mg/L
SW	PC-A	8/24/2010	Manganese	0.027	mg/L
SW	PC-A	8/24/2010	Molybdenum	<0.008	mg/L
SW	PC-A	8/24/2010	Nickel	<0.01	mg/L
SW	PC-A	8/24/2010	Potassium	1.3	mg/L
SW	PC-A	8/24/2010	Silicon	14	mg/L
SW	PC-A	8/24/2010	Silver	<0.005	mg/L
SW	PC-A	8/24/2010	Sodium	18	mg/L
SW	PC-A	8/24/2010	Vanadium	<0.05	mg/L
SW	PC-A	8/24/2010	Zinc	<0.01	mg/L
SW	PC-A	8/24/2010	Antimony	<0.001	mg/L
SW	PC-A	8/24/2010	Arsenic	0.0016	mg/L
SW	PC-A	8/24/2010	Selenium	<0.001	mg/L
SW	PC-A	8/24/2010	Thallium	<0.001	mg/L
SW	PC-A	8/24/2010	Uranium	0.002	mg/L
SW	PC-A	8/24/2010	Mercury	<0.0002	mg/L
SW	PC-A	8/24/2010	Fluoride	6.46	mg/L
SW	PC-A	8/24/2010	Chloride	8	mg/L
SW	PC-A	8/24/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	PC-A	8/24/2010	Sulfate	70	mg/L
SW	PC-A	8/24/2010	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	PC-A	8/24/2010	Carbonate	<2	mg/L CaCO3
SW	PC-A	8/24/2010	Bicarbonate	200	mg/L CaCO3
SW	PC-A	8/24/2010	Cyanide	<0.005	mg/L
SW	PC-A	8/24/2010	Specific Conductance	510	µmhos/cm
SW	PC-A	8/24/2010	pH	8.31	pH units
SW	PC-A	8/24/2010	TDS	344	mg/L
SW	PC-A	8/24/2010	Residue Total	360	mg/L
SW	PC-A	8/24/2010	Suspended Solids	<10	mg/L
SW	CSCS-B	8/25/2010	Aluminum	<0.035	mg/L
SW	CSCS-B	8/25/2010	Barium	0.013	mg/L
SW	CSCS-B	8/25/2010	Beryllium	<0.002	mg/L
SW	CSCS-B	8/25/2010	Boron	<0.04	mg/L
SW	CSCS-B	8/25/2010	Cadmium	<0.002	mg/L
SW	CSCS-B	8/25/2010	Calcium	38	mg/L
SW	CSCS-B	8/25/2010	Chromium	<0.006	mg/L
SW	CSCS-B	8/25/2010	Cobalt	<0.008	mg/L
SW	CSCS-B	8/25/2010	Copper	<0.006	mg/L
SW	CSCS-B	8/25/2010	Iron	0.032	mg/L
SW	CSCS-B	8/25/2010	Lead	<0.005	mg/L
SW	CSCS-B	8/25/2010	Magnesium	5.3	mg/L
SW	CSCS-B	8/25/2010	Manganese	<0.0029	mg/L
SW	CSCS-B	8/25/2010	Molybdenum	<0.011	mg/L
SW	CSCS-B	8/25/2010	Nickel	<0.01	mg/L
SW	CSCS-B	8/25/2010	Potassium	4.2	mg/L
SW	CSCS-B	8/25/2010	Silicon	35	mg/L
SW	CSCS-B	8/25/2010	Silver	<0.005	mg/L
SW	CSCS-B	8/25/2010	Sodium	96	mg/L
SW	CSCS-B	8/25/2010	Vanadium	<0.05	mg/L
SW	CSCS-B	8/25/2010	Zinc	<0.01	mg/L
SW	CSCS-B	8/25/2010	Antimony	<0.001	mg/L
SW	CSCS-B	8/25/2010	Arsenic	0.0042	mg/L
SW	CSCS-B	8/25/2010	Selenium	<0.0012	mg/L
SW	CSCS-B	8/25/2010	Thallium	<0.001	mg/L
SW	CSCS-B	8/25/2010	Uranium	0.0019	mg/L
SW	CSCS-B	8/25/2010	Mercury	<0.0002	mg/L
SW	CSCS-B	8/25/2010	Fluoride	6.8	mg/L
SW	CSCS-B	8/25/2010	Chloride	13	mg/L
SW	CSCS-B	8/25/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	CSCS-B	8/25/2010	Sulfate	63	mg/L
SW	CSCS-B	8/25/2010	Alkalinity, Total (As CaCO3)	230	mg/L CaCO3
SW	CSCS-B	8/25/2010	Carbonate	<2	mg/L CaCO3

SURFACE WATER ANALYSIS DATA

SW	CSCS-B	8/25/2010	Dicarbonate	230	mg/L CaCO ₃
SW	CSCS-B	8/25/2010	Specific Conductance	640	µmhos/cm
SW	CSCS-B	8/25/2010	pH	7.7	pH units
SW	CSCS-B	8/25/2010	TDS	453	mg/L
SW	CSCS-B	8/25/2010	Residue Total	500	mg/L
SW	CSCS-B	8/25/2010	Suspended Solids	36	mg/L
SW	CSCS-B	8/25/2010	Cyanide	<0.01	mg/L
SW	CSCS-C	8/25/2010	Aluminum	0.38	mg/L
SW	CSCS-C	8/25/2010	Barium	0.015	mg/L
SW	CSCS-C	8/25/2010	Beryllium	<0.002	mg/L
SW	CSCS-C	8/25/2010	Boron	<0.04	mg/L
SW	CSCS-C	8/25/2010	Cadmium	<0.002	mg/L
SW	CSCS-C	8/25/2010	Calcium	11	mg/L
SW	CSCS-C	8/25/2010	Chromium	<0.005	mg/L
SW	CSCS-C	8/25/2010	Cobalt	<0.006	mg/L
SW	CSCS-C	8/25/2010	Copper	<0.006	mg/L
SW	CSCS-C	8/25/2010	Iron	0.12	mg/L
SW	CSCS-C	8/25/2010	Lead	<0.005	mg/L
SW	CSCS-C	8/25/2010	Magnesium	2.1	mg/L
SW	CSCS-C	8/25/2010	Manganese	0.017	mg/L
SW	CSCS-C	8/25/2010	Molybdenum	<0.008	mg/L
SW	CSCS-C	8/25/2010	Nickel	<0.01	mg/L
SW	CSCS-C	8/25/2010	Potassium	2.1	mg/L
SW	CSCS-C	8/25/2010	Silicon	19	mg/L
SW	CSCS-C	8/25/2010	Silver	<0.005	mg/L
SW	CSCS-C	8/25/2010	Sodium	4.7	mg/L
SW	CSCS-C	8/25/2010	Vanadium	<0.05	mg/L
SW	CSCS-C	8/25/2010	Zinc	<0.01	mg/L
SW	CSCS-C	8/25/2010	Antimony	<0.001	mg/L
SW	CSCS-C	8/25/2010	Arsenic	0.0012	mg/L
SW	CSCS-C	8/25/2010	Selenium	<0.001	mg/L
SW	CSCS-C	8/25/2010	Thallium	<0.001	mg/L
SW	CSCS-C	8/25/2010	Uranium	<0.001	mg/L
SW	CSCS-C	8/25/2010	Mercury	<0.0002	mg/L
SW	CSCS-C	8/25/2010	Fluoride	6.17	mg/L
SW	CSCS-C	8/25/2010	Chloride	1	mg/L
SW	CSCS-C	8/25/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	CSCS-C	8/25/2010	Sulfate	3.5	mg/L
SW	CSCS-C	8/25/2010	Alkalinity, Total (As CaCO ₃)	45	mg/L CaCO ₃
SW	CSCS-C	8/25/2010	Carbonate	<2	mg/L CaCO ₃
SW	CSCS-C	8/25/2010	Bicarbonate	45	mg/L CaCO ₃
SW	CSCS-C	8/25/2010	Specific Conductance	110	µmhos/cm
SW	CSCS-C	8/25/2010	pH	7.3	pH units
SW	CSCS-C	8/25/2010	TDS	445	mg/L
SW	CSCS-C	8/25/2010	Residue Total	890	mg/L
SW	CSCS-C	8/25/2010	Suspended Solids	630	mg/L
SW	CSCS-C	8/25/2010	Cyanide	<0.01	mg/L
SW	SWQ-2	8/25/2010	Aluminum	1.5	mg/L
SW	SWQ-2	8/25/2010	Barium	0.01	mg/L
SW	SWQ-2	8/25/2010	Beryllium	<0.002	mg/L
SW	SWQ-2	8/25/2010	Boron	<0.04	mg/L
SW	SWQ-2	8/25/2010	Cadmium	<0.002	mg/L
SW	SWQ-2	8/25/2010	Calcium	6.6	mg/L
SW	SWQ-2	8/25/2010	Chromium	<0.005	mg/L
SW	SWQ-2	8/25/2010	Cobalt	<0.006	mg/L
SW	SWQ-2	8/25/2010	Copper	0.085	mg/L
SW	SWQ-2	8/25/2010	Iron	0.67	mg/L
SW	SWQ-2	8/25/2010	Lead	<0.005	mg/L
SW	SWQ-2	8/25/2010	Magnesium	2.4	mg/L
SW	SWQ-2	8/25/2010	Manganese	0.015	mg/L
SW	SWQ-2	8/25/2010	Molybdenum	<0.008	mg/L
SW	SWQ-2	8/25/2010	Nickel	<0.01	mg/L
SW	SWQ-2	8/25/2010	Potassium	1.9	mg/L
SW	SWQ-2	8/25/2010	Silicon	12	mg/L
SW	SWQ-2	8/25/2010	Silver	<0.005	mg/L
SW	SWQ-2	8/25/2010	Sodium	3.3	mg/L
SW	SWQ-2	8/25/2010	Vanadium	<0.05	mg/L
SW	SWQ-2	8/25/2010	Zinc	<0.01	mg/L
SW	SWQ-2	8/25/2010	Antimony	<0.001	mg/L
SW	SWQ-2	8/25/2010	Arsenic	<0.001	mg/L
SW	SWQ-2	8/25/2010	Selenium	<0.001	mg/L
SW	SWQ-2	8/25/2010	Thallium	<0.001	mg/L
SW	SWQ-2	8/25/2010	Uranium	<0.001	mg/L
SW	SWQ-2	8/25/2010	Mercury	<0.0002	mg/L
SW	SWQ-2	8/25/2010	Fluoride	6.57	mg/L
SW	SWQ-2	8/25/2010	Chloride	0.71	mg/L

SURFACE WATER ANALYSIS DATA

SW	SWC-2	8/25/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	SWC-2	8/25/2010	Sulfate	11	mg/L
SW	SWC-2	8/25/2010	Alkalinity, Total (As CaCO3)	21	mg/L CaCO3
SW	SWC-2	8/25/2010	Carbonate	<2	mg/L CaCO3
SW	SWC-2	8/25/2010	Bicarbonate	21	mg/L CaCO3
SW	SWC-2	8/25/2010	Specific Conductance	89	µmhos/cm
SW	SWC-2	8/25/2010	pH	7.42	pH units
SW	SWC-2	8/25/2010	TDS	76	mg/L
SW	SWC-2	8/25/2010	Residue Total	130	mg/L
SW	SWC-2	8/25/2010	Suspended Solids	35	mg/L
SW	SWC-2	8/25/2010	Cyanide	<0.01	mg/L
SW	WS	8/25/2010	Aluminum	<0.02	mg/L
SW	WS	8/25/2010	Barium	0.01	mg/L
SW	WS	8/25/2010	Beryllium	<0.002	mg/L
SW	WS	8/25/2010	Boron	<0.04	mg/L
SW	WS	8/25/2010	Cadmium	<0.002	mg/L
SW	WS	8/25/2010	Calcium	7.2	mg/L
SW	WS	8/25/2010	Chromium	<0.006	mg/L
SW	WS	8/25/2010	Cobalt	<0.006	mg/L
SW	WS	8/25/2010	Copper	<0.006	mg/L
SW	WS	8/25/2010	Iron	<0.02	mg/L
SW	WS	8/25/2010	Lead	<0.005	mg/L
SW	WS	8/25/2010	Magnesium	<1	mg/L
SW	WS	8/25/2010	Manganese	0.021	mg/L
SW	WS	8/25/2010	Molybdenum	<0.004	mg/L
SW	WS	8/25/2010	Nickel	<0.01	mg/L
SW	WS	8/25/2010	Potassium	10	mg/L
SW	WS	8/25/2010	Silicon	64	mg/L
SW	WS	8/25/2010	Silver	<0.005	mg/L
SW	WS	8/25/2010	Sodium	160	mg/L
SW	WS	8/25/2010	Vanadium	<0.05	mg/L
SW	WS	8/25/2010	Zinc	0.016	mg/L
SW	WS	8/25/2010	Antimony	<0.001	mg/L
SW	WS	8/25/2010	Arsenic	<0.001	mg/L
SW	WS	8/25/2010	Selenium	<0.001	mg/L
SW	WS	8/25/2010	Thallium	<0.001	mg/L
SW	WS	8/25/2010	Uranium	<0.001	mg/L
SW	WS	8/25/2010	Mercury	<0.0002	mg/L
SW	WS	8/25/2010	Fluoride	16	mg/L
SW	WS	8/25/2010	Chloride	17	mg/L
SW	WS	8/25/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	WS	8/25/2010	Sulfate	89	mg/L
SW	WS	8/25/2010	Alkalinity, Total (As CaCO3)	220	mg/L CaCO3
SW	WS	8/25/2010	Carbonate	<2	mg/L CaCO3
SW	WS	8/25/2010	Bicarbonate	220	mg/L CaCO3
SW	WS	8/25/2010	Specific Conductance	720	µmhos/cm
SW	WS	8/25/2010	pH	8.3	pH units
SW	WS	8/25/2010	TDS	697	mg/L
SW	WS	8/25/2010	Residue Total	690	mg/L
SW	WS	8/25/2010	Suspended Solids	<10	mg/L
SW	WS	8/25/2010	Cyanide	<0.01	mg/L
SW	WSCS-A	8/25/2010	Aluminum	0.74	mg/L
SW	WSCS-A	8/25/2010	Barium	0.016	mg/L
SW	WSCS-A	8/25/2010	Beryllium	<0.002	mg/L
SW	WSCS-A	8/25/2010	Boron	<0.04	mg/L
SW	WSCS-A	8/25/2010	Cadmium	<0.002	mg/L
SW	WSCS-A	8/25/2010	Calcium	9.5	mg/L
SW	WSCS-A	8/25/2010	Chromium	<0.006	mg/L
SW	WSCS-A	8/25/2010	Cobalt	<0.006	mg/L
SW	WSCS-A	8/25/2010	Copper	<0.006	mg/L
SW	WSCS-A	8/25/2010	Iron	0.36	mg/L
SW	WSCS-A	8/25/2010	Lead	<0.005	mg/L
SW	WSCS-A	8/25/2010	Magnesium	1.2	mg/L
SW	WSCS-A	8/25/2010	Manganese	0.018	mg/L
SW	WSCS-A	8/25/2010	Molybdenum	0.011	mg/L
SW	WSCS-A	8/25/2010	Nickel	<0.01	mg/L
SW	WSCS-A	8/25/2010	Potassium	7.8	mg/L
SW	WSCS-A	8/25/2010	Silicon	19	mg/L
SW	WSCS-A	8/25/2010	Silver	<0.005	mg/L
SW	WSCS-A	8/25/2010	Sodium	150	mg/L
SW	WSCS-A	8/25/2010	Vanadium	<0.05	mg/L
SW	WSCS-A	8/25/2010	Zinc	<0.01	mg/L
SW	WSCS-A	8/25/2010	Antimony	<0.001	mg/L
SW	WSCS-A	8/25/2010	Arsenic	0.0081	mg/L
SW	WSCS-A	8/25/2010	Selenium	<0.001	mg/L
SW	WSCS-A	8/25/2010	Thallium	<0.001	mg/L

SURFACE WATER ANALYSIS DATA

SW	WSCS-A	8/25/2010	Uranium	<0.001	mg/L
SW	WSCS-A	8/25/2010	Mercury	<0.0002	mg/L
SW	WSCS-A	8/25/2010	Fluoride	15	mg/L
SW	WSCS-A	8/25/2010	Chloride	8.6	mg/L
SW	WSCS-A	8/25/2010	Nitrate (As N)+Nitrite (As N)	3.3	mg/L
SW	WSCS-A	8/25/2010	Sulfate	65	mg/L
SW	WSCS-A	8/25/2010	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	WSCS-A	8/25/2010	Carbonate	<2	mg/L CaCO3
SW	WSCS-A	8/25/2010	Bicarbonate	200	mg/L CaCO3
SW	WSCS-A	8/25/2010	Specific Conductance	600	µmhos/cm
SW	WSCS-A	8/25/2010	pH	8.38	pH units
SW	WSCS-A	8/25/2010	TDS	760	mg/L
SW	WSCS-A	8/25/2010	Residue Total	1200	mg/L
SW	WSCS-A	8/25/2010	Suspended Solids	420	mg/L
SW	WSCS-A	8/25/2010	Cyanide	<0.01	mg/L
SW	PC-B	8/26/2010	Aluminum	<0.02	mg/L
SW	PC-B	8/26/2010	Barium	0.032	mg/L
SW	PC-B	8/26/2010	Beryllium	<0.002	mg/L
SW	PC-B	8/26/2010	Boron	<0.04	mg/L
SW	PC-B	8/26/2010	Cadmium	<0.002	mg/L
SW	PC-B	8/26/2010	Calcium	62	mg/L
SW	PC-B	8/26/2010	Chromium	<0.005	mg/L
SW	PC-B	8/26/2010	Cobalt	<0.006	mg/L
SW	PC-B	8/26/2010	Copper	<0.005	mg/L
SW	PC-B	8/26/2010	Iron	<0.02	mg/L
SW	PC-B	8/26/2010	Lead	<0.005	mg/L
SW	PC-B	8/26/2010	Magnesium	15	mg/L
SW	PC-B	8/26/2010	Manganese	0.01	mg/L
SW	PC-B	8/26/2010	Molybdenum	<0.008	mg/L
SW	PC-B	8/26/2010	Nickel	<0.01	mg/L
SW	PC-B	8/26/2010	Potassium	1.7	mg/L
SW	PC-B	8/26/2010	Silicon	15	mg/L
SW	PC-B	8/26/2010	Silver	<0.005	mg/L
SW	PC-B	8/26/2010	Sodium	14	mg/L
SW	PC-B	8/26/2010	Vanadium	<0.05	mg/L
SW	PC-B	8/26/2010	Zinc	0.018	mg/L
SW	PC-B	8/26/2010	Antimony	<0.001	mg/L
SW	PC-B	8/26/2010	Arsenic	0.0015	mg/L
SW	PC-B	8/26/2010	Selenium	<0.001	mg/L
SW	PC-B	8/26/2010	Thallium	<0.001	mg/L
SW	PC-B	8/26/2010	Uranium	0.0016	mg/L
SW	PC-B	8/26/2010	Mercury	<0.0002	mg/L
SW	PC-B	8/26/2010	Fluoride	15.1	mg/L
SW	PC-B	8/26/2010	Chloride	6	mg/L
SW	PC-B	8/26/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	PC-B	8/26/2010	Sulfate	49	mg/L
SW	PC-B	8/26/2010	Alkalinity, Total (As CaCO3)	160	mg/L CaCO3
SW	PC-B	8/26/2010	Carbonate	4.6	mg/L CaCO3
SW	PC-B	8/26/2010	Bicarbonate	170	mg/L CaCO3
SW	PC-B	8/26/2010	Specific Conductance	450	µmhos/cm
SW	PC-B	8/26/2010	pH	8.46	pH units
SW	PC-B	8/26/2010	TDS	311	mg/L
SW	PC-B	8/26/2010	Residue Total	320	mg/L
SW	PC-B	8/26/2010	Suspended Solids	<10	mg/L
SW	PC-B	8/26/2010	Cyanide	<0.01	mg/L
SW	PC-C	8/26/2010	Aluminum	<0.02	mg/L
SW	PC-C	8/26/2010	Barium	0.032	mg/L
SW	PC-C	8/26/2010	Beryllium	<0.002	mg/L
SW	PC-C	8/26/2010	Boron	<0.04	mg/L
SW	PC-C	8/26/2010	Cadmium	<0.002	mg/L
SW	PC-C	8/26/2010	Calcium	65	mg/L
SW	PC-C	8/26/2010	Chromium	<0.006	mg/L
SW	PC-C	8/26/2010	Cobalt	<0.006	mg/L
SW	PC-C	8/26/2010	Copper	<0.005	mg/L
SW	PC-C	8/26/2010	Iron	<0.02	mg/L
SW	PC-C	8/26/2010	Lead	<0.005	mg/L
SW	PC-C	8/26/2010	Magnesium	12	mg/L
SW	PC-C	8/26/2010	Manganese	0.016	mg/L
SW	PC-C	8/26/2010	Molybdenum	<0.008	mg/L
SW	PC-C	8/26/2010	Nickel	<0.01	mg/L
SW	PC-C	8/26/2010	Potassium	1.8	mg/L
SW	PC-C	8/26/2010	Silicon	18	mg/L
SW	PC-C	8/26/2010	Silver	<0.005	mg/L
SW	PC-C	8/26/2010	Sodium	18	mg/L
SW	PC-C	8/26/2010	Vanadium	<0.05	mg/L
SW	PC-C	8/26/2010	Zinc	0.016	mg/L

SURFACE WATER ANALYSIS DATA

SW	PC-C	8/26/2010	Antimony	<0.001	mg/L
SW	PC-C	8/26/2010	Arsenic	0.0018	mg/L
SW	PC-C	8/26/2010	Selenium	<0.001	mg/L
SW	PC-C	8/26/2010	Thallium	<0.001	mg/L
SW	PC-C	8/26/2010	Uranium	0.0016	mg/L
SW	PC-C	8/26/2010	Mercury	<0.0002	mg/L
SW	PC-C	8/26/2010	Fluoride	6.86	mg/L
SW	PC-C	8/26/2010	Chloride	6	mg/L
SW	PC-C	8/26/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	PC-C	8/26/2010	Sulfate	50	mg/L
SW	PC-C	8/26/2010	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	PC-C	8/26/2010	Carbonate	9.1	mg/L CaCO3
SW	PC-C	8/26/2010	Bicarbonate	190	mg/L CaCO3
SW	PC-C	8/26/2010	Specific Conductance	470	µmhos/cm
SW	PC-C	8/26/2010	pH	8.51	pH units
SW	PC-C	8/26/2010	TDS	329	mg/L
SW	PC-C	8/26/2010	Residue Total	350	mg/L
SW	PC-C	8/26/2010	Suspended Solids	15	mg/L
SW	PC-C	8/26/2010	Cyanide	<0.01	mg/L
SW	PCS-A	8/26/2010	Aluminum	<0.02	mg/L
SW	PCS-A	8/26/2010	Barium	0.0099	mg/L
SW	PCS-A	8/26/2010	Beryllium	<0.002	mg/L
SW	PCS-A	8/26/2010	Boron	<0.04	mg/L
SW	PCS-A	8/26/2010	Cadmium	<0.002	mg/L
SW	PCS-A	8/26/2010	Calcium	64	mg/L
SW	PCS-A	8/26/2010	Chromium	<0.005	mg/L
SW	PCS-A	8/26/2010	Cobalt	<0.005	mg/L
SW	PCS-A	8/26/2010	Copper	<0.005	mg/L
SW	PCS-A	8/26/2010	Iron	0.05	mg/L
SW	PCS-A	8/26/2010	Lead	<0.005	mg/L
SW	PCS-A	8/26/2010	Magnesium	10	mg/L
SW	PCS-A	8/26/2010	Manganese	<0.002	mg/L
SW	PCS-A	8/26/2010	Molybdenum	<0.005	mg/L
SW	PCS-A	8/26/2010	Nickel	<0.01	mg/L
SW	PCS-A	8/26/2010	Potassium	2.4	mg/L
SW	PCS-A	8/26/2010	Silicon	17	mg/L
SW	PCS-A	8/26/2010	Silver	<0.005	mg/L
SW	PCS-A	8/26/2010	Sodium	33	mg/L
SW	PCS-A	8/26/2010	Vanadium	<0.05	mg/L
SW	PCS-A	8/26/2010	Zinc	0.047	mg/L
SW	PCS-A	8/26/2010	Antimony	<0.001	mg/L
SW	PCS-A	8/26/2010	Arsenic	0.0019	mg/L
SW	PCS-A	8/26/2010	Selenium	0.0011	mg/L
SW	PCS-A	8/26/2010	Thallium	<0.001	mg/L
SW	PCS-A	8/26/2010	Uranium	0.0027	mg/L
SW	PCS-A	8/26/2010	Mercury	<0.0002	mg/L
SW	PCS-A	8/26/2010	Fluoride	1.6	mg/L
SW	PCS-A	8/26/2010	Chloride	8.5	mg/L
SW	PCS-A	8/26/2010	Nitrate (As N)+Nitrite (As N)	1	mg/L
SW	PCS-A	8/26/2010	Sulfate	56	mg/L
SW	PCS-A	8/26/2010	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	PCS-A	8/26/2010	Carbonate	<2	mg/L CaCO3
SW	PCS-A	8/26/2010	Bicarbonate	200	mg/L CaCO3
SW	PCS-A	8/26/2010	Specific Conductance	520	µmhos/cm
SW	PCS-A	8/26/2010	pH	8.04	pH units
SW	PCS-A	8/26/2010	TDS	353	mg/L
SW	PCS-A	8/26/2010	Residue Total	350	mg/L
SW	PCS-A	8/26/2010	Suspended Solids	<10	mg/L
SW	PCS-A	8/26/2010	Cyanide	<0.01	mg/L
SW	PC-D	8/27/2010	Aluminum	<0.02	mg/L
SW	PC-D	8/27/2010	Barium	0.029	mg/L
SW	PC-D	8/27/2010	Beryllium	<0.002	mg/L
SW	PC-D	8/27/2010	Boron	<0.04	mg/L
SW	PC-D	8/27/2010	Cadmium	<0.002	mg/L
SW	PC-D	8/27/2010	Calcium	64	mg/L
SW	PC-D	8/27/2010	Chromium	<0.005	mg/L
SW	PC-D	8/27/2010	Cobalt	<0.005	mg/L
SW	PC-D	8/27/2010	Copper	<0.005	mg/L
SW	PC-D	8/27/2010	Iron	<0.02	mg/L
SW	PC-D	8/27/2010	Lead	<0.005	mg/L
SW	PC-D	8/27/2010	Magnesium	12	mg/L
SW	PC-D	8/27/2010	Manganese	0.011	mg/L
SW	PC-D	8/27/2010	Molybdenum	<0.005	mg/L
SW	PC-D	8/27/2010	Nickel	<0.01	mg/L
SW	PC-D	8/27/2010	Potassium	2.1	mg/L
SW	PC-D	8/27/2010	Silicon	16	mg/L

SURFACE WATER ANALYSIS DATA

SW	PC-D	8/27/2010	Silver	<0.005	mg/L
SW	PC-D	8/27/2010	Sodium	25	mg/L
SW	PC-D	8/27/2010	Vanadium	<0.05	mg/L
SW	PC-D	8/27/2010	Zinc	6.025	mg/L
SW	PC-D	8/27/2010	Antimony	<0.001	mg/L
SW	PC-D	8/27/2010	Arsenic	0.002	mg/L
SW	PC-D	8/27/2010	Selenium	<0.001	mg/L
SW	PC-D	8/27/2010	Thallium	<0.001	mg/L
SW	PC-D	8/27/2010	Uranium	0.0019	mg/L
SW	PC-D	8/27/2010	Mercury	<0.0002	mg/L
SW	PC-D	8/27/2010	Fluoride	1.2	mg/L
SW	PC-D	8/27/2010	Chloride	6.6	mg/L
SW	PC-D	8/27/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	PC-D	8/27/2010	Sulfate	53	mg/L
SW	PC-D	8/27/2010	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	PC-D	8/27/2010	Carbonate	5	mg/L CaCO3
SW	PC-D	8/27/2010	Bicarbonate	190	mg/L CaCO3
SW	PC-D	8/27/2010	Specific Conductance	460	µmhos/cm
SW	PC-D	8/27/2010	pH	8.45	pH units
SW	PC-D	8/27/2010	TDS	335	mg/L
SW	PC-D	8/27/2010	Residue Total	340	mg/L
SW	PC-D	8/27/2010	Suspended Solids	<10	mg/L
SW	PC-D	8/27/2010	Cyanide	<0.01	mg/L
SW	SWQ-3	10/21/2010	Aluminum	<0.02	mg/L
SW	SWQ-3	10/21/2010	Barium	6.053	mg/L
SW	SWQ-3	10/21/2010	Beryllium	<0.002	mg/L
SW	SWQ-3	10/21/2010	Boron	0.089	mg/L
SW	SWQ-3	10/21/2010	Cadmium	<0.002	mg/L
SW	SWQ-3	10/21/2010	Calcium	630	mg/L
SW	SWQ-3	10/21/2010	Chromium	<0.005	mg/L
SW	SWQ-3	10/21/2010	Cobalt	<0.005	mg/L
SW	SWQ-3	10/21/2010	Copper	0.023	mg/L
SW	SWQ-3	10/21/2010	Iron	6.048	mg/L
SW	SWQ-3	10/21/2010	Lead	<0.005	mg/L
SW	SWQ-3	10/21/2010	Magnesium	280	mg/L
SW	SWQ-3	10/21/2010	Manganese	6.032	mg/L
SW	SWQ-3	10/21/2010	Molybdenum	0.03	mg/L
SW	SWQ-3	10/21/2010	Nickel	<0.01	mg/L
SW	SWQ-3	10/21/2010	Potassium	4.3	mg/L
SW	SWQ-3	10/21/2010	Silicon	19	mg/L
SW	SWQ-3	10/21/2010	Silver	<0.005	mg/L
SW	SWQ-3	10/21/2010	Sodium	520	mg/L
SW	SWQ-3	10/21/2010	Vanadium	<0.05	mg/L
SW	SWQ-3	10/21/2010	Zinc	6.48	mg/L
SW	SWQ-3	10/21/2010	Antimony	<0.001	mg/L
SW	SWQ-3	10/21/2010	Arsenic	<0.005	mg/L
SW	SWQ-3	10/21/2010	Selenium	0.016	mg/L
SW	SWQ-3	10/21/2010	Thallium	<0.001	mg/L
SW	SWQ-3	10/21/2010	Uranium	6.027	mg/L
SW	SWQ-3	10/21/2010	Mercury	<0.0002	mg/L
SW	SWQ-3	10/21/2010	Fluoride	1.3	mg/L
SW	SWQ-3	10/21/2010	Chloride	93	mg/L
SW	SWQ-3	10/21/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	SWQ-3	10/21/2010	Sulfate	3100	mg/L
SW	SWQ-3	10/21/2010	Alkalinity, Total (As CaCO3)	530	mg/L CaCO3
SW	SWQ-3	10/21/2010	Carbonate	<2	mg/L CaCO3
SW	SWQ-3	10/21/2010	Bicarbonate	530	mg/L CaCO3
SW	SWQ-3	10/21/2010	Specific Conductance	4600	µmhos/cm
SW	SWQ-3	10/21/2010	pH	7.98	pH units
SW	SWQ-3	10/21/2010	TDS	5060	mg/L
SW	SWQ-3	10/21/2010	Suspended Solids	<10	mg/L
SW	LAC-A	11/3/2010	Aluminum	<0.02	mg/L
SW	LAC-A	11/3/2010	Barium	6.016	mg/L
SW	LAC-A	11/3/2010	Beryllium	<0.002	mg/L
SW	LAC-A	11/3/2010	Boron	<0.04	mg/L
SW	LAC-A	11/3/2010	Cadmium	<0.002	mg/L
SW	LAC-A	11/3/2010	Calcium	46	mg/L
SW	LAC-A	11/3/2010	Chromium	<0.005	mg/L
SW	LAC-A	11/3/2010	Cobalt	<0.005	mg/L
SW	LAC-A	11/3/2010	Copper	<0.005	mg/L
SW	LAC-A	11/3/2010	Iron	<0.02	mg/L
SW	LAC-A	11/3/2010	Lead	<0.005	mg/L
SW	LAC-A	11/3/2010	Magnesium	9.4	mg/L
SW	LAC-A	11/3/2010	Manganese	0.0085	mg/L
SW	LAC-A	11/3/2010	Molybdenum	<0.005	mg/L
SW	LAC-A	11/3/2010	Nickel	<0.01	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-A	11/3/2010	Potassium	2.1	mg/L
SW	LAC-A	11/3/2010	Silicon	22	mg/L
SW	LAC-A	11/3/2010	Silver	<0.005	mg/L
SW	LAC-A	11/3/2010	Sodium	16	mg/L
SW	LAC-A	11/3/2010	Vanadium	<0.05	mg/L
SW	LAC-A	11/3/2010	Zinc	0.02	mg/L
SW	LAC-A	11/3/2010	Antimony	<0.001	mg/L
SW	LAC-A	11/3/2010	Arsenic	0.0011	mg/L
SW	LAC-A	11/3/2010	Selenium	<0.001	mg/L
SW	LAC-A	11/3/2010	Thallium	<0.001	mg/L
SW	LAC-A	11/3/2010	Uranium	<0.001	mg/L
SW	LAC-A	11/3/2010	Mercury	<0.0032	mg/L
SW	LAC-A	11/3/2010	Fluoride	0.27	mg/L
SW	LAC-A	11/3/2010	Chloride	5.1	mg/L
SW	LAC-A	11/3/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	LAC-A	11/3/2010	Sulfate	9.4	mg/L
SW	LAC-A	11/3/2010	Alkalinity, Total (As CaCO3)	160	mg/L CaCO3
SW	LAC-A	11/3/2010	Carbonate	<2	mg/L CaCO3
SW	LAC-A	11/3/2010	Bicarbonate	160	mg/L CaCO3
SW	LAC-A	11/3/2010	Specific Conductance	320	µmhos/cm
SW	LAC-A	11/3/2010	pH	8.27	pH units
SW	LAC-A	11/3/2010	TDS	218	mg/L
SW	LAC-A	11/3/2010	Suspended Solids	<10	mg/L
SW	LAC-A	11/3/2010	Cyanide	<0.01	mg/L
SW	LAC-B	11/3/2010	Aluminum	<0.02	mg/L
SW	LAC-B	11/3/2010	Barium	0.022	mg/L
SW	LAC-B	11/3/2010	Beryllium	<0.002	mg/L
SW	LAC-B	11/3/2010	Boron	<0.04	mg/L
SW	LAC-B	11/3/2010	Cadmium	<0.002	mg/L
SW	LAC-B	11/3/2010	Calcium	40	mg/L
SW	LAC-B	11/3/2010	Chromium	<0.006	mg/L
SW	LAC-B	11/3/2010	Cobalt	<0.008	mg/L
SW	LAC-B	11/3/2010	Copper	<0.005	mg/L
SW	LAC-B	11/3/2010	Iron	<0.02	mg/L
SW	LAC-B	11/3/2010	Lead	<0.005	mg/L
SW	LAC-B	11/3/2010	Magnesium	11	mg/L
SW	LAC-B	11/3/2010	Manganese	0.0095	mg/L
SW	LAC-B	11/3/2010	Molybdenum	<0.008	mg/L
SW	LAC-B	11/3/2010	Nickel	<0.01	mg/L
SW	LAC-B	11/3/2010	Potassium	3.3	mg/L
SW	LAC-B	11/3/2010	Silicon	15	mg/L
SW	LAC-B	11/3/2010	Silver	<0.005	mg/L
SW	LAC-B	11/3/2010	Sodium	48	mg/L
SW	LAC-B	11/3/2010	Vanadium	<0.05	mg/L
SW	LAC-B	11/3/2010	Zinc	<0.01	mg/L
SW	LAC-B	11/3/2010	Antimony	<0.001	mg/L
SW	LAC-B	11/3/2010	Arsenic	0.004	mg/L
SW	LAC-B	11/3/2010	Selenium	<0.001	mg/L
SW	LAC-B	11/3/2010	Thallium	<0.001	mg/L
SW	LAC-B	11/3/2010	Uranium	<0.001	mg/L
SW	LAC-B	11/3/2010	Mercury	<0.0032	mg/L
SW	LAC-B	11/3/2010	Fluoride	1.1	mg/L
SW	LAC-B	11/3/2010	Chloride	4.7	mg/L
SW	LAC-B	11/3/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	LAC-B	11/3/2010	Sulfate	20	mg/L
SW	LAC-B	11/3/2010	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
SW	LAC-B	11/3/2010	Carbonate	<2	mg/L CaCO3
SW	LAC-B	11/3/2010	Bicarbonate	170	mg/L CaCO3
SW	LAC-B	11/3/2010	Specific Conductance	480	µmhos/cm
SW	LAC-B	11/3/2010	pH	8.19	pH units
SW	LAC-B	11/3/2010	TDS	292	mg/L
SW	LAC-B	11/3/2010	Suspended Solids	<10	mg/L
SW	LAC-B	11/3/2010	Cyanide	<0.01	mg/L
SW	LAC-B	11/3/2010	Aluminum	<0.02	mg/L
SW	LAC-C	11/3/2010	Barium	0.014	mg/L
SW	LAC-C	11/3/2010	Beryllium	<0.002	mg/L
SW	LAC-C	11/3/2010	Boron	<0.04	mg/L
SW	LAC-C	11/3/2010	Cadmium	<0.002	mg/L
SW	LAC-C	11/3/2010	Calcium	49	mg/L
SW	LAC-C	11/3/2010	Chromium	<0.006	mg/L
SW	LAC-C	11/3/2010	Cobalt	<0.008	mg/L
SW	LAC-C	11/3/2010	Copper	<0.005	mg/L
SW	LAC-C	11/3/2010	Iron	<0.02	mg/L
SW	LAC-C	11/3/2010	Lead	<0.005	mg/L
SW	LAC-C	11/3/2010	Magnesium	7.9	mg/L
SW	LAC-C	11/3/2010	Manganese	0.0045	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-C	11/3/2010	Molybdenum	<0.008	mg/L
SW	LAC-C	11/3/2010	Nickel	<0.01	mg/L
SW	LAC-C	11/3/2010	Potassium	2.2	mg/L
SW	LAC-C	11/3/2010	Silicon	19	mg/L
SW	LAC-C	11/3/2010	Silver	<0.005	mg/L
SW	LAC-C	11/3/2010	Sodium	24	mg/L
SW	LAC-C	11/3/2010	Vanadium	<0.05	mg/L
SW	LAC-C	11/3/2010	Zinc	<0.01	mg/L
SW	LAC-C	11/3/2010	Antimony	<0.001	mg/L
SW	LAC-C	11/3/2010	Arsenic	0.0019	mg/L
SW	LAC-C	11/3/2010	Selenium	<0.001	mg/L
SW	LAC-C	11/3/2010	Thallium	<0.001	mg/L
SW	LAC-C	11/3/2010	Uranium	<0.001	mg/L
SW	LAC-C	11/3/2010	Mercury	<0.0002	mg/L
SW	LAC-C	11/3/2010	Fluoride	0.51	mg/L
SW	LAC-C	11/3/2010	Chloride	13	mg/L
SW	LAC-C	11/3/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	LAC-C	11/3/2010	Sulfate	15	mg/L
SW	LAC-C	11/3/2010	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
SW	LAC-C	11/3/2010	Carbonate	<2	mg/L CaCO3
SW	LAC-C	11/3/2010	Bicarbonate	170	mg/L CaCO3
SW	LAC-C	11/3/2010	Specific Conductance	890	µmhos/cm
SW	LAC-C	11/3/2010	pH	7.8	pH units
SW	LAC-C	11/3/2010	TDS	252	mg/L
SW	LAC-C	11/3/2010	Suspended Solids	<10	mg/L
SW	LAC-C	11/3/2010	Cyanide	<0.01	mg/L
SW	NWS	11/3/2010	Aluminum	<0.02	mg/L
SW	NWS	11/3/2010	Barium	0.024	mg/L
SW	NWS	11/3/2010	Beryllium	<0.002	mg/L
SW	NWS	11/3/2010	Boron	0.043	mg/L
SW	NWS	11/3/2010	Cadmium	<0.002	mg/L
SW	NWS	11/3/2010	Calcium	28	mg/L
SW	NWS	11/3/2010	Chromium	<0.005	mg/L
SW	NWS	11/3/2010	Cobalt	<0.006	mg/L
SW	NWS	11/3/2010	Copper	<0.006	mg/L
SW	NWS	11/3/2010	Iron	<0.02	mg/L
SW	NWS	11/3/2010	Lead	<0.005	mg/L
SW	NWS	11/3/2010	Magnesium	13	mg/L
SW	NWS	11/3/2010	Manganese	<0.002	mg/L
SW	NWS	11/3/2010	Molybdenum	<0.008	mg/L
SW	NWS	11/3/2010	Nickel	<0.01	mg/L
SW	NWS	11/3/2010	Potassium	4	mg/L
SW	NWS	11/3/2010	Silicon	11	mg/L
SW	NWS	11/3/2010	Silver	<0.005	mg/L
SW	NWS	11/3/2010	Sodium	69	mg/L
SW	NWS	11/3/2010	Vanadium	<0.05	mg/L
SW	NWS	11/3/2010	Zinc	<0.01	mg/L
SW	NWS	11/3/2010	Antimony	<0.001	mg/L
SW	NWS	11/3/2010	Arsenic	0.0062	mg/L
SW	NWS	11/3/2010	Selenium	<0.001	mg/L
SW	NWS	11/3/2010	Thallium	<0.001	mg/L
SW	NWS	11/3/2010	Uranium	0.001	mg/L
SW	NWS	11/3/2010	Mercury	<0.0002	mg/L
SW	NWS	11/3/2010	Fluoride	1.7	mg/L
SW	NWS	11/3/2010	Chloride	74	mg/L
SW	NWS	11/3/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	NWS	11/3/2010	Sulfate	28	mg/L
SW	NWS	11/3/2010	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
SW	NWS	11/3/2010	Carbonate	<2	mg/L CaCO3
SW	NWS	11/3/2010	Bicarbonate	170	mg/L CaCO3
SW	NWS	11/3/2010	Specific Conductance	890	µmhos/cm
SW	NWS	11/3/2010	pH	7.74	pH units
SW	NWS	11/3/2010	TDS	359	mg/L
SW	NWS	11/3/2010	Suspended Solids	<10	mg/L
SW	NWS	11/3/2010	Cyanide	<0.01	mg/L
SW	CSCS-B	11/4/2010	Aluminum	<0.02	mg/L
SW	CSCS-B	11/4/2010	Barium	0.015	mg/L
SW	CSCS-B	11/4/2010	Beryllium	<0.002	mg/L
SW	CSCS-B	11/4/2010	Boron	0.048	mg/L
SW	CSCS-B	11/4/2010	Cadmium	<0.002	mg/L
SW	CSCS-B	11/4/2010	Calcium	40	mg/L
SW	CSCS-B	11/4/2010	Chromium	<0.005	mg/L
SW	CSCS-B	11/4/2010	Cobalt	<0.006	mg/L
SW	CSCS-B	11/4/2010	Copper	<0.006	mg/L
SW	CSCS-B	11/4/2010	Iron	<0.02	mg/L
SW	CSCS-B	11/4/2010	Lead	<0.005	mg/L

SURFACE WATER ANALYSIS DATA

SW	CSCS-B	11/4/2010	Magnesium	6	mg/L
SW	CSCS-B	11/4/2010	Manganese	0.0079	mg/L
SW	CSCS-B	11/4/2010	Molybdenum	0.012	mg/L
SW	CSCS-B	11/4/2010	Nickel	<0.01	mg/L
SW	CSCS-B	11/4/2010	Potassium	4.2	mg/L
SW	CSCS-B	11/4/2010	Silicon	35	mg/L
SW	CSCS-B	11/4/2010	Silver	<0.005	mg/L
SW	CSCS-B	11/4/2010	Sodium	110	mg/L
SW	CSCS-B	11/4/2010	Vanadium	<0.05	mg/L
SW	CSCS-B	11/4/2010	Zinc	<0.01	mg/L
SW	CSCS-B	11/4/2010	Antimony	<0.001	mg/L
SW	CSCS-B	11/4/2010	Arsenic	0.0045	mg/L
SW	CSCS-B	11/4/2010	Selenium	0.0011	mg/L
SW	CSCS-B	11/4/2010	Thallium	<0.001	mg/L
SW	CSCS-B	11/4/2010	Uranium	0.0014	mg/L
SW	CSCS-B	11/4/2010	Mercury	<0.0002	mg/L
SW	CSCS-B	11/4/2010	Fluoride	6.3	mg/L
SW	CSCS-B	11/4/2010	Chloride	16	mg/L
SW	CSCS-B	11/4/2010	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	CSCS-B	11/4/2010	Nitrogen, Nitrate (As N)	0.36	mg/L
SW	CSCS-B	11/4/2010	Sulfate	70	mg/L
SW	CSCS-B	11/4/2010	Alkalinity, Total (As CaCO3)	260	mg/L CaCO3
SW	CSCS-B	11/4/2010	Carbonate	<2	mg/L CaCO3
SW	CSCS-B	11/4/2010	Bicarbonate	250	mg/L CaCO3
SW	CSCS-B	11/4/2010	Specific Conductance	680	µmhos/cm
SW	CSCS-B	11/4/2010	pH	7.49	pH units
SW	CSCS-B	11/4/2010	TDS	480	mg/L
SW	CSCS-B	11/4/2010	Suspended Solids	130	mg/L
SW	CSCS-B	11/4/2010	Cyanide	<0.01	mg/L
SW	LAC-D	11/4/2010	Aluminum	<0.02	mg/L
SW	LAC-D	11/4/2010	Barium	0.019	mg/L
SW	LAC-D	11/4/2010	Beryllium	<0.002	mg/L
SW	LAC-D	11/4/2010	Boron	<0.04	mg/L
SW	LAC-D	11/4/2010	Cadmium	<0.002	mg/L
SW	LAC-D	11/4/2010	Calcium	55	mg/L
SW	LAC-D	11/4/2010	Chromium	<0.006	mg/L
SW	LAC-D	11/4/2010	Cobalt	<0.003	mg/L
SW	LAC-D	11/4/2010	Copper	<0.006	mg/L
SW	LAC-D	11/4/2010	Iron	<0.02	mg/L
SW	LAC-D	11/4/2010	Lead	<0.005	mg/L
SW	LAC-D	11/4/2010	Magnesium	8.9	mg/L
SW	LAC-D	11/4/2010	Manganese	0.0048	mg/L
SW	LAC-D	11/4/2010	Molybdenum	<0.009	mg/L
SW	LAC-D	11/4/2010	Nickel	<0.01	mg/L
SW	LAC-D	11/4/2010	Potassium	2.2	mg/L
SW	LAC-D	11/4/2010	Silicon	16	mg/L
SW	LAC-D	11/4/2010	Silver	<0.005	mg/L
SW	LAC-D	11/4/2010	Sodium	26	mg/L
SW	LAC-D	11/4/2010	Vanadium	<0.05	mg/L
SW	LAC-D	11/4/2010	Zinc	<0.01	mg/L
SW	LAC-D	11/4/2010	Antimony	<0.001	mg/L
SW	LAC-D	11/4/2010	Arsenic	0.0022	mg/L
SW	LAC-D	11/4/2010	Selenium	<0.001	mg/L
SW	LAC-D	11/4/2010	Thallium	<0.001	mg/L
SW	LAC-D	11/4/2010	Uranium	<0.001	mg/L
SW	LAC-D	11/4/2010	Mercury	<0.0002	mg/L
SW	LAC-D	11/4/2010	Fluoride	0.55	mg/L
SW	LAC-D	11/4/2010	Chloride	15	mg/L
SW	LAC-D	11/4/2010	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	LAC-D	11/4/2010	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	LAC-D	11/4/2010	Sulfate	13	mg/L
SW	LAC-D	11/4/2010	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	LAC-D	11/4/2010	Carbonate	<2	mg/L CaCO3
SW	LAC-D	11/4/2010	Bicarbonate	200	mg/L CaCO3
SW	LAC-D	11/4/2010	Specific Conductance	450	µmhos/cm
SW	LAC-D	11/4/2010	pH	8.32	pH units
SW	LAC-D	11/4/2010	TDS	300	mg/L
SW	LAC-D	11/4/2010	Suspended Solids	<10	mg/L
SW	LAC-D	11/4/2010	Cyanide	<0.01	mg/L
SW	WS	11/4/2010	Aluminum	<0.02	mg/L
SW	WS	11/4/2010	Barium	0.0098	mg/L
SW	WS	11/4/2010	Beryllium	<0.002	mg/L
SW	WS	11/4/2010	Boron	0.066	mg/L
SW	WS	11/4/2010	Cadmium	<0.002	mg/L
SW	WS	11/4/2010	Calcium	7.4	mg/L
SW	WS	11/4/2010	Chromium	<0.005	mg/L

SURFACE WATER ANALYSIS DATA

SW	WS	11/4/2010	Cobalt	<0.008	mg/L
SW	WS	11/4/2010	Copper	<0.008	mg/L
SW	WS	11/4/2010	Iron	<0.02	mg/L
SW	WS	11/4/2010	Lead	<0.005	mg/L
SW	WS	11/4/2010	Magnesium	<1	mg/L
SW	WS	11/4/2010	Manganese	0.015	mg/L
SW	WS	11/4/2010	Molybdenum	<0.008	mg/L
SW	WS	11/4/2010	Nickel	<0.01	mg/L
SW	WS	11/4/2010	Potassium	11	mg/L
SW	WS	11/4/2010	Silicon	62	mg/L
SW	WS	11/4/2010	Silver	<0.005	mg/L
SW	WS	11/4/2010	Sodium	180	mg/L
SW	WS	11/4/2010	Vanadium	<0.05	mg/L
SW	WS	11/4/2010	Zinc	<0.01	mg/L
SW	WS	11/4/2010	Antimony	<0.001	mg/L
SW	WS	11/4/2010	Arsenic	<0.001	mg/L
SW	WS	11/4/2010	Selenium	<0.001	mg/L
SW	WS	11/4/2010	Thallium	<0.001	mg/L
SW	WS	11/4/2010	Uranium	<0.001	mg/L
SW	WS	11/4/2010	Mercury	<0.0002	mg/L
SW	WS	11/4/2010	Fluoride	15	mg/L
SW	WS	11/4/2010	Chloride	18	mg/L
SW	WS	11/4/2010	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	WS	11/4/2010	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	WS	11/4/2010	Sulfate	0.8	mg/L
SW	WS	11/4/2010	Alkalinity, Total (As CaCO ₃)	250	mg/L CaCO ₃
SW	WS	11/4/2010	Carbonate	<2	mg/L CaCO ₃
SW	WS	11/4/2010	Bicarbonate	230	mg/L CaCO ₃
SW	WS	11/4/2010	Specific Conductance	760	µmhos/cm
SW	WS	11/4/2010	pH	7.88	pH units
SW	WS	11/4/2010	TDS	592	mg/L
SW	WS	11/4/2010	Suspended Solids	<10	mg/L
SW	WS	11/4/2010	Cyanide	<0.01	mg/L
SW	PC-A	11/8/2010	Aluminum	<0.02	mg/L
SW	PC-A	11/8/2010	Barium	6.036	mg/L
SW	PC-A	11/8/2010	Beryllium	<0.002	mg/L
SW	PC-A	11/8/2010	Boron	<0.04	mg/L
SW	PC-A	11/8/2010	Cadmium	<0.002	mg/L
SW	PC-A	11/8/2010	Calcium	70	mg/L
SW	PC-A	11/8/2010	Chromium	<0.008	mg/L
SW	PC-A	11/8/2010	Cobalt	<0.008	mg/L
SW	PC-A	11/8/2010	Copper	<0.008	mg/L
SW	PC-A	11/8/2010	Iron	<0.02	mg/L
SW	PC-A	11/8/2010	Lead	<0.005	mg/L
SW	PC-A	11/8/2010	Magnesium	15	mg/L
SW	PC-A	11/8/2010	Manganese	0.0046	mg/L
SW	PC-A	11/8/2010	Molybdenum	<0.008	mg/L
SW	PC-A	11/8/2010	Nickel	<0.01	mg/L
SW	PC-A	11/8/2010	Potassium	<1	mg/L
SW	PC-A	11/8/2010	Silicon	13	mg/L
SW	PC-A	11/8/2010	Silver	<0.005	mg/L
SW	PC-A	11/8/2010	Sodium	16	mg/L
SW	PC-A	11/8/2010	Vanadium	<0.05	mg/L
SW	PC-A	11/8/2010	Zinc	6.013	mg/L
SW	PC-A	11/8/2010	Antimony	<0.001	mg/L
SW	PC-A	11/8/2010	Arsenic	0.0012	mg/L
SW	PC-A	11/8/2010	Selenium	<0.001	mg/L
SW	PC-A	11/8/2010	Thallium	<0.001	mg/L
SW	PC-A	11/8/2010	Uranium	0.0021	mg/L
SW	PC-A	11/8/2010	Mercury	<0.0002	mg/L
SW	PC-A	11/8/2010	Fluoride	0.46	mg/L
SW	PC-A	11/8/2010	Chloride	8.5	mg/L
SW	PC-A	11/8/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	PC-A	11/8/2010	Sulfate	69	mg/L
SW	PC-A	11/8/2010	Alkalinity, Total (As CaCO ₃)	160	mg/L CaCO ₃
SW	PC-A	11/8/2010	Carbonate	<2	mg/L CaCO ₃
SW	PC-A	11/8/2010	Bicarbonate	160	mg/L CaCO ₃
SW	PC-A	11/8/2010	Specific Conductance	480	µmhos/cm
SW	PC-A	11/8/2010	pH	8.23	pH units
SW	PC-A	11/8/2010	TDS	316	mg/L
SW	PC-A	11/8/2010	Suspended Solids	<10	mg/L
SW	PC-A	11/8/2010	Cyanide	<0.01	mg/L
SW	PC-B	11/8/2010	Aluminum	<0.02	mg/L
SW	PC-B	11/8/2010	Barium	0.037	mg/L
SW	PC-B	11/8/2010	Beryllium	<0.002	mg/L
SW	PC-B	11/8/2010	Boron	<0.04	mg/L

SURFACE WATER ANALYSIS DATA

SW	IX-B	11/8/2010	Cadmium	<0.002	mg/L
SW	PC-B	11/8/2010	Calcium	70	mg/L
SW	PC-B	11/8/2010	Chromium	<0.005	mg/L
SW	PC-B	11/8/2010	Cobalt	<0.006	mg/L
SW	PC-B	11/8/2010	Copper	<0.005	mg/L
SW	PC-B	11/8/2010	Iron	<0.02	mg/L
SW	PC-B	11/8/2010	Lead	<0.005	mg/L
SW	PC-B	11/8/2010	Magnesium	12	mg/L
SW	PC-B	11/8/2010	Manganese	0.0046	mg/L
SW	PC-B	11/8/2010	Molybdenum	<0.008	mg/L
SW	PC-B	11/8/2010	Nickel	<0.01	mg/L
SW	PC-B	11/8/2010	Potassium	2.9	mg/L
SW	PC-B	11/8/2010	Silicon	19	mg/L
SW	PC-B	11/8/2010	Silver	<0.005	mg/L
SW	PC-B	11/8/2010	Sodium	44	mg/L
SW	PC-B	11/8/2010	Vanadium	<0.05	mg/L
SW	PC-B	11/8/2010	Zinc	<0.01	mg/L
SW	PC-B	11/8/2010	Antimony	<0.001	mg/L
SW	PC-B	11/8/2010	Arsenic	0.0013	mg/L
SW	PC-B	11/8/2010	Selenium	<0.001	mg/L
SW	PC-B	11/8/2010	Thallium	<0.001	mg/L
SW	IX-B	11/8/2010	Uranium	0.0019	mg/L
SW	PC-B	11/8/2010	Mercury	<0.0002	mg/L
SW	PC-B	11/8/2010	Fluoride	2.1	mg/L
SW	PC-B	11/8/2010	Chloride	11	mg/L
SW	PC-B	11/8/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	PC-B	11/8/2010	Sulfate	70	mg/L
SW	PC-B	11/8/2010	Alkalinity, Total (As CaCO3)	220	mg/L CaCO3
SW	PC-B	11/8/2010	Carbonate	<2	mg/L CaCO3
SW	PC-B	11/8/2010	Bicarbonate	220	mg/L CaCO3
SW	PC-B	11/8/2010	Specific Conductance	560	µmhos/cm
SW	IX-B	11/8/2010	pH	8.23	pH units
SW	PC-B	11/8/2010	TDS	376	mg/L
SW	PC-B	11/8/2010	Suspended Solids	<10	mg/L
SW	PC-B	11/8/2010	Cyanide	<0.01	mg/L
SW	PC-C	11/9/2010	Aluminum	0.066	mg/L
SW	PC-C	11/9/2010	Barium	0.032	mg/L
SW	PC-C	11/9/2010	Beryllium	<0.002	mg/L
SW	PC-C	11/9/2010	Boron	<0.04	mg/L
SW	PC-C	11/9/2010	Cadmium	<0.002	mg/L
SW	PC-C	11/9/2010	Calcium	59	mg/L
SW	PC-C	11/9/2010	Chromium	<0.006	mg/L
SW	PC-C	11/9/2010	Cobalt	<0.005	mg/L
SW	PC-C	11/9/2010	Copper	<0.006	mg/L
SW	PC-C	11/9/2010	Iron	<0.02	mg/L
SW	PC-C	11/9/2010	Lead	<0.005	mg/L
SW	PC-C	11/9/2010	Magnesium	10	mg/L
SW	PC-C	11/9/2010	Manganese	0.0068	mg/L
SW	PC-C	11/9/2010	Molybdenum	<0.008	mg/L
SW	PC-C	11/9/2010	Nickel	<0.01	mg/L
SW	IX-C	11/9/2010	Potassium	3.2	mg/L
SW	PC-C	11/9/2010	Silicon	20	mg/L
SW	IX-C	11/9/2010	Silver	<0.005	mg/L
SW	PC-C	11/9/2010	Sodium	68	mg/L
SW	PC-C	11/9/2010	Vanadium	<0.05	mg/L
SW	PC-C	11/9/2010	Zinc	0.026	mg/L
SW	PC-C	11/9/2010	Antimony	<0.001	mg/L
SW	PC-C	11/9/2010	Arsenic	0.0022	mg/L
SW	PC-C	11/9/2010	Selenium	<0.001	mg/L
SW	PC-C	11/9/2010	Thallium	<0.001	mg/L
SW	PC-C	11/9/2010	Uranium	0.0019	mg/L
SW	PC-C	11/9/2010	Mercury	<0.0002	mg/L
SW	PC-C	11/9/2010	Fluoride	3.7	mg/L
SW	PC-C	11/9/2010	Chloride	10	mg/L
SW	PC-C	11/9/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	PC-C	11/9/2010	Sulfate	70	mg/L
SW	PC-C	11/9/2010	Alkalinity, Total (As CaCO3)	220	mg/L CaCO3
SW	PC-C	11/9/2010	Carbonate	2	mg/L CaCO3
SW	PC-C	11/9/2010	Bicarbonate	220	mg/L CaCO3
SW	PC-C	11/9/2010	Specific Conductance	560	µmhos/cm
SW	PC-C	11/9/2010	pH	8.36	pH units
SW	IX-C	11/9/2010	TDS	371	mg/L
SW	PC-C	11/9/2010	Suspended Solids	<10	mg/L
SW	IX-D	11/9/2010	Aluminum	<0.02	mg/L
SW	PC-D	11/9/2010	Barium	0.027	mg/L
SW	PC-D	11/9/2010	Beryllium	<0.002	mg/L

SURFACE WATER ANALYSIS DATA

SW	IC-D	11/9/2010	Boron	<0.04	mg/L
SW	PC-D	11/9/2010	Cadmium	<0.002	mg/L
SW	PC-D	11/9/2010	Calcium	56	mg/L
SW	PC-D	11/9/2010	Chromium	<0.006	mg/L
SW	PC-D	11/9/2010	Cobalt	<0.005	mg/L
SW	PC-D	11/9/2010	Copper	<0.005	mg/L
SW	PC-D	11/9/2010	Iron	<0.02	mg/L
SW	PC-D	11/9/2010	Lead	<0.005	mg/L
SW	PC-D	11/9/2010	Magnesium	11	mg/L
SW	PC-D	11/9/2010	Manganese	0.013	mg/L
SW	PC-D	11/9/2010	Molybdenum	<0.009	mg/L
SW	PC-D	11/9/2010	Nickel	<0.01	mg/L
SW	PC-D	11/9/2010	Potassium	2.8	mg/L
SW	PC-D	11/9/2010	Silicon	18	mg/L
SW	PC-D	11/9/2010	Silver	<0.005	mg/L
SW	PC-D	11/9/2010	Sodium	37	mg/L
SW	PC-D	11/9/2010	Vanadium	<0.05	mg/L
SW	PC-D	11/9/2010	Zinc	<0.01	mg/L
SW	PC-D	11/9/2010	Antimony	<0.001	mg/L
SW	PC-D	11/9/2010	Arsenic	0.0022	mg/L
SW	PC-D	11/9/2010	Selenium	<0.001	mg/L
SW	IC-D	11/9/2010	Thallium	<0.001	mg/L
SW	PC-D	11/9/2010	Uranium	0.0022	mg/L
SW	PC-D	11/9/2010	Mercury	<0.0002	mg/L
SW	PC-D	11/9/2010	Fluoride	2	mg/L
SW	PC-D	11/9/2010	Chloride	9.7	mg/L
SW	PC-D	11/9/2010	Nitrate (As N)+N Nitrite (As N)	<1	mg/L
SW	PC-D	11/9/2010	Sulfate	63	mg/L
SW	PC-D	11/9/2010	Alkalinity, Total (As CaCO3)	190	mg/L CaCO3
SW	PC-D	11/9/2010	Carbonate	<2	mg/L CaCO3
SW	PC-D	11/9/2010	Bicarbonate	190	mg/L CaCO3
SW	IC-D	11/9/2010	Specific Conductance	600	µmhos/cm
SW	PC-D	11/9/2010	pH	8.3	pH units
SW	PC-D	11/9/2010	TDS	316	mg/L
SW	PC-D	11/9/2010	Suspended Solids	<10	mg/L
SW	PC-D	11/9/2010	Cyanide	<0.005	mg/L
SW	LAC-C	1/18/2011	Aluminum	<0.02	mg/L
SW	LAC-C	1/18/2011	Barium	0.015	mg/L
SW	LAC-C	1/18/2011	Beryllium	<0.002	mg/L
SW	LAC-C	1/18/2011	Boron	<0.04	mg/L
SW	LAC-C	1/18/2011	Cadmium	<0.002	mg/L
SW	LAC-C	1/18/2011	Calcium	51	mg/L
SW	LAC-C	1/18/2011	Chromium	<0.006	mg/L
SW	LAC-C	1/18/2011	Cobalt	<0.006	mg/L
SW	LAC-C	1/18/2011	Copper	<0.005	mg/L
SW	LAC-C	1/18/2011	Iron	<0.02	mg/L
SW	LAC-C	1/18/2011	Lead	<0.005	mg/L
SW	LAC-C	1/18/2011	Magnesium	7.9	mg/L
SW	LAC-C	1/18/2011	Manganese	0.0027	mg/L
SW	LAC-C	1/18/2011	Molybdenum	<0.008	mg/L
SW	LAC-C	1/18/2011	Nickel	<0.01	mg/L
SW	LAC-C	1/18/2011	Potassium	1.9	mg/L
SW	LAC-C	1/18/2011	Silicon	19	mg/L
SW	LAC-C	1/18/2011	Silver	<0.005	mg/L
SW	LAC-C	1/18/2011	Sodium	22	mg/L
SW	LAC-C	1/18/2011	Vanadium	<0.05	mg/L
SW	LAC-C	1/18/2011	Zinc	0.01	mg/L
SW	LAC-C	1/18/2011	Antimony	<0.001	mg/L
SW	LAC-C	1/18/2011	Arsenic	0.002	mg/L
SW	LAC-C	1/18/2011	Selenium	<0.001	mg/L
SW	LAC-C	1/18/2011	Thallium	<0.001	mg/L
SW	LAC-C	1/18/2011	Uranium	<0.001	mg/L
SW	LAC-C	1/18/2011	Mercury	<0.0002	mg/L
SW	LAC-C	1/18/2011	Fluoride	0.48	mg/L
SW	LAC-C	1/18/2011	Chloride	12	mg/L
SW	LAC-C	1/18/2011	Nitrate (As N)+N Nitrite (As N)	<1	mg/L
SW	LAC-C	1/18/2011	Phosphorus, Orthophosphate (As P)	<0.5	mg/L
SW	LAC-C	1/18/2011	Sulfate	15	mg/L
SW	LAC-C	1/18/2011	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
SW	LAC-C	1/18/2011	Carbonate	<2	mg/L CaCO3
SW	LAC-C	1/18/2011	Bicarbonate	170	mg/L CaCO3
SW	LAC-C	1/18/2011	Specific Conductance	410	µmhos/cm
SW	LAC-C	1/18/2011	Ammonia	<1	mg/L
SW	LAC-C	1/18/2011	pH	8.08	pH units
SW	LAC-C	1/18/2011	TDS	266	mg/L
SW	LAC-C	1/18/2011	Suspended Solids	10	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-C	1/18/2011	Cyanide	<0.005	mg/L
SW	LAC-E	1/19/2011	Aluminum	<0.02	mg/L
SW	LAC-E	1/19/2011	Barium	0.021	mg/L
SW	LAC-F	1/19/2011	Beryllium	<0.002	mg/L
SW	LAC-E	1/19/2011	Boron	<0.04	mg/L
SW	LAC-E	1/19/2011	Cadmium	<0.002	mg/L
SW	LAC-E	1/19/2011	Calcium	60	mg/L
SW	LAC-E	1/19/2011	Chromium	<0.003	mg/L
SW	LAC-E	1/19/2011	Cobalt	<0.003	mg/L
SW	LAC-E	1/19/2011	Copper	<0.003	mg/L
SW	LAC-E	1/19/2011	Iron	<0.02	mg/L
SW	LAC-E	1/19/2011	Lead	<0.005	mg/L
SW	LAC-E	1/19/2011	Magnesium	8.5	mg/L
SW	LAC-E	1/19/2011	Manganese	<0.002	mg/L
SW	LAC-E	1/19/2011	Molybdenum	<0.003	mg/L
SW	LAC-E	1/19/2011	Nickel	<0.01	mg/L
SW	LAC-E	1/19/2011	Potassium	1.3	mg/L
SW	LAC-E	1/19/2011	Silicon	20	mg/L
SW	LAC-E	1/19/2011	Silver	<0.005	mg/L
SW	LAC-E	1/19/2011	Sodium	24	mg/L
SW	LAC-E	1/19/2011	Vanadium	<0.05	mg/L
SW	LAC-E	1/19/2011	Zinc	<0.01	mg/L
SW	LAC-E	1/19/2011	Antimony	<0.001	mg/L
SW	LAC-E	1/19/2011	Arsenic	0.0017	mg/L
SW	LAC-F	1/19/2011	Selenium	<0.001	mg/L
SW	LAC-E	1/19/2011	Thallium	<0.001	mg/L
SW	LAC-E	1/19/2011	Uranium	0.0012	mg/L
SW	LAC-E	1/19/2011	Mercury	<0.0002	mg/L
SW	LAC-E	1/19/2011	Fluoride	0.5	mg/L
SW	LAC-E	1/19/2011	Chloride	13	mg/L
SW	LAC-E	1/19/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	LAC-E	1/19/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	LAC-E	1/19/2011	Phosphorus, Orthophosphate (As P)	<0.5	mg/L
SW	LAC-E	1/19/2011	Sulfate	15	mg/L
SW	LAC-F	1/19/2011	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	LAC-E	1/19/2011	Carbonate	42	mg/L CaCO3
SW	LAC-E	1/19/2011	Bicarbonate	200	mg/L CaCO3
SW	LAC-E	1/19/2011	Specific Conductance	450	µmhos/cm
SW	LAC-E	1/19/2011	Ammonia	<1	mg/L
SW	LAC-E	1/19/2011	pH	8.35	pH units
SW	LAC-E	1/19/2011	TDS	295	mg/L
SW	LAC-E	1/19/2011	Suspended Solids	<10	mg/L
SW	LAC-E	1/19/2011	Cyanide	<0.005	mg/L
SW	CSCS-B	1/20/2011	Aluminum	0.033	mg/L
SW	CSCS-B	1/20/2011	Barium	0.013	mg/L
SW	CSCS-B	1/20/2011	Beryllium	<0.002	mg/L
SW	CSCS-B	1/20/2011	Boron	0.045	mg/L
SW	CSCS-B	1/20/2011	Cadmium	<0.002	mg/L
SW	CSCS-B	1/20/2011	Calcium	43	mg/L
SW	CSCS-B	1/20/2011	Chromium	<0.003	mg/L
SW	CSCS-B	1/20/2011	Cobalt	<0.003	mg/L
SW	CSCS-B	1/20/2011	Copper	<0.003	mg/L
SW	CSCS-B	1/20/2011	Iron	0.044	mg/L
SW	CSCS-B	1/20/2011	Lead	<0.005	mg/L
SW	CSCS-B	1/20/2011	Magnesium	6	mg/L
SW	CSCS-B	1/20/2011	Manganese	0.0045	mg/L
SW	CSCS-B	1/20/2011	Molybdenum	0.012	mg/L
SW	CSCS-B	1/20/2011	Nickel	<0.01	mg/L
SW	CSCS-B	1/20/2011	Potassium	3.8	mg/L
SW	CSCS-B	1/20/2011	Silicon	32	mg/L
SW	CSCS-B	1/20/2011	Silver	<0.005	mg/L
SW	CSCS-B	1/20/2011	Sodium	100	mg/L
SW	CSCS-B	1/20/2011	Vanadium	<0.05	mg/L
SW	CSCS-B	1/20/2011	Zinc	<0.01	mg/L
SW	CSCS-B	1/20/2011	Antimony	<0.001	mg/L
SW	CSCS-B	1/20/2011	Arsenic	0.0038	mg/L
SW	CSCS-B	1/20/2011	Selenium	0.0015	mg/L
SW	CSCS-B	1/20/2011	Thallium	<0.001	mg/L
SW	CSCS-B	1/20/2011	Uranium	0.0023	mg/L
SW	CSCS-B	1/20/2011	Mercury	<0.0002	mg/L
SW	CSCS-B	1/20/2011	Fluoride	6.8	mg/L
SW	CSCS-B	1/20/2011	Chloride	17	mg/L
SW	CSCS-B	1/20/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	CSCS-B	1/20/2011	Nitrogen, Nitrate (As N)	0.2	mg/L
SW	CSCS-B	1/20/2011	Sulfate	76	mg/L
SW	CSCS-B	1/20/2011	Alkalinity, Total (As CaCO3)	250	mg/L CaCO3

SURFACE WATER ANALYSIS DATA

SW	CSCS-B	1/20/2011	Carbonate	<2	mg/L CaCO3
SW	CSCS-B	1/20/2011	Bicarbonate	250	mg/L CaCO3
SW	CSCS-B	1/20/2011	Specific Conductance	730	µmhos/cm
SW	CSCS-B	1/20/2011	Ammonia	<5	mg/L
SW	CSCS-B	1/20/2011	pH	7.8	pH units
SW	CSCS-B	1/20/2011	TDS	462	mg/L
SW	CSCS-B	1/20/2011	Suspended Solids	78	mg/L
SW	CSCS-B	1/20/2011	Cyanide	<0.01	mg/L
SW	WS	1/20/2011	Cyanide	<0.01	mg/L
SW	WS	1/20/2011	Aluminum	<0.02	mg/L
SW	WS	1/20/2011	Barium	0.01	mg/L
SW	WS	1/20/2011	Beryllium	<0.002	mg/L
SW	WS	1/20/2011	Boron	0.069	mg/L
SW	WS	1/20/2011	Cadmium	<0.002	mg/L
SW	WS	1/20/2011	Calcium	7.5	mg/L
SW	WS	1/20/2011	Chromium	<0.006	mg/L
SW	WS	1/20/2011	Cobalt	<0.006	mg/L
SW	WS	1/20/2011	Copper	<0.006	mg/L
SW	WS	1/20/2011	Iron	<0.02	mg/L
SW	WS	1/20/2011	Lead	<0.005	mg/L
SW	WS	1/20/2011	Magnesium	<1	mg/L
SW	WS	1/20/2011	Manganese	0.0093	mg/L
SW	WS	1/20/2011	Molybdenum	<0.008	mg/L
SW	WS	1/20/2011	Nickel	<0.01	mg/L
SW	WS	1/20/2011	Potassium	10	mg/L
SW	WS	1/20/2011	Silicon	65	mg/L
SW	WS	1/20/2011	Silver	<0.005	mg/L
SW	WS	1/20/2011	Sodium	160	mg/L
SW	WS	1/20/2011	Vanadium	<0.05	mg/L
SW	WS	1/20/2011	Zinc	<0.01	mg/L
SW	WS	1/20/2011	Antimony	<0.001	mg/L
SW	WS	1/20/2011	Arsenic	<0.001	mg/L
SW	WS	1/20/2011	Selenium	<0.001	mg/L
SW	WS	1/20/2011	Thallium	<0.001	mg/L
SW	WS	1/20/2011	Uranium	<0.001	mg/L
SW	WS	1/20/2011	Mercury	<0.0002	mg/L
SW	WS	1/20/2011	Fluoride	15	mg/L
SW	WS	1/20/2011	Chloride	18	mg/L
SW	WS	1/20/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	WS	1/20/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	WS	1/20/2011	Sulfate	100	mg/L
SW	WS	1/20/2011	Alkalinity, Total (As CaCO3)	240	mg/L CaCO3
SW	WS	1/20/2011	Carbonate	<2	mg/L CaCO3
SW	WS	1/20/2011	Bicarbonate	240	mg/L CaCO3
SW	WS	1/20/2011	Specific Conductance	800	µmhos/cm
SW	WS	1/20/2011	Ammonia	<1	mg/L
SW	WS	1/20/2011	pH	8.13	pH units
SW	WS	1/20/2011	TDS	561	mg/L
SW	WS	1/20/2011	Suspended Solids	<10	mg/L
SW	WSCS-A	1/20/2011	Aluminum	0.18	mg/L
SW	WSCS-A	1/20/2011	Barium	0.083	mg/L
SW	WSCS-A	1/20/2011	Beryllium	<0.002	mg/L
SW	WSCS-A	1/20/2011	Boron	0.043	mg/L
SW	WSCS-A	1/20/2011	Cadmium	<0.002	mg/L
SW	WSCS-A	1/20/2011	Calcium	50	mg/L
SW	WSCS-A	1/20/2011	Chromium	<0.006	mg/L
SW	WSCS-A	1/20/2011	Cobalt	<0.006	mg/L
SW	WSCS-A	1/20/2011	Copper	<0.006	mg/L
SW	WSCS-A	1/20/2011	Iron	0.12	mg/L
SW	WSCS-A	1/20/2011	Lead	<0.005	mg/L
SW	WSCS-A	1/20/2011	Magnesium	6.3	mg/L
SW	WSCS-A	1/20/2011	Manganese	0.006	mg/L
SW	WSCS-A	1/20/2011	Molybdenum	0.011	mg/L
SW	WSCS-A	1/20/2011	Nickel	<0.01	mg/L
SW	WSCS-A	1/20/2011	Potassium	11	mg/L
SW	WSCS-A	1/20/2011	Silicon	15	mg/L
SW	WSCS-A	1/20/2011	Silver	<0.005	mg/L
SW	WSCS-A	1/20/2011	Sodium	280	mg/L
SW	WSCS-A	1/20/2011	Vanadium	<0.05	mg/L
SW	WSCS-A	1/20/2011	Zinc	<0.01	mg/L
SW	WSCS-A	1/20/2011	Antimony	<0.001	mg/L
SW	WSCS-A	1/20/2011	Arsenic	0.0031	mg/L
SW	WSCS-A	1/20/2011	Selenium	0.0018	mg/L
SW	WSCS-A	1/20/2011	Thallium	<0.001	mg/L
SW	WSCS-A	1/20/2011	Uranium	0.0054	mg/L
SW	WSCS-A	1/20/2011	Mercury	<0.0002	mg/L

SURFACE WATER ANALYSIS DATA

SW	W9CS-A	1/20/2011	Fluoride	6.4	mg/L
SW	W9CS-A	1/20/2011	Chloride	50	mg/L
SW	W9CS-A	1/20/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	W9CS-A	1/20/2011	Nitrogen, Nitrate (As N)	2.7	mg/L
SW	W9CS-A	1/20/2011	Sulfate	300	mg/L
SW	W9CS-A	1/20/2011	Alkalinity, Total (As CaCO3)	400	mg/L CaCO3
SW	W9CS-A	1/20/2011	Carbonate	<2	mg/L CaCO3
SW	W9CS-A	1/20/2011	Bicarbonate	400	mg/L CaCO3
SW	W9CS-A	1/20/2011	Specific Conductance	1800	µmhos/cm
SW	W9CS-A	1/20/2011	Ammonia	<1	mg/L
SW	W9CS-A	1/20/2011	pH	8.28	pH units
SW	W9CS-A	1/20/2011	TDS	1000	mg/L
SW	W9CS-A	1/20/2011	Suspended Solids	900	mg/L
SW	W9CS-A	1/20/2011	Cyanide	<0.01	mg/L
SW	PC-C	1/25/2011	Cyanide	<0.01	mg/L
SW	PC-C	1/25/2011	Sodium	35	mg/L
SW	PC-C	1/25/2011	Vanadium	<0.05	mg/L
SW	PC-C	1/25/2011	Zinc	<0.01	mg/L
SW	PC-C	1/25/2011	Antimony	<0.001	mg/L
SW	PC-C	1/25/2011	Arsenic	0.0021	mg/L
SW	PC-C	1/25/2011	Selenium	<0.001	mg/L
SW	PC-C	1/25/2011	Thallium	<0.001	mg/L
SW	PC-C	1/25/2011	Uranium	0.0022	mg/L
SW	PC-C	1/25/2011	Mercury	<0.0002	mg/L
SW	PC-C	1/25/2011	Fluoride	4	mg/L
SW	PC-C	1/25/2011	Chloride	10	mg/L
SW	PC-C	1/25/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	PC-C	1/25/2011	Nitrogen, Nitrate (As N)	0.27	mg/L
SW	PC-C	1/25/2011	Sulfate	66	mg/L
SW	PC-C	1/25/2011	Alkalinity, Total (As CaCO3)	220	mg/L CaCO3
SW	PC-C	1/25/2011	Carbonate	2.4	mg/L CaCO3
SW	PC-C	1/25/2011	Bicarbonate	210	mg/L CaCO3
SW	PC-C	1/25/2011	Specific Conductance	580	µmhos/cm
SW	PC-C	1/25/2011	Ammonia	<1	mg/L
SW	PC-C	1/25/2011	pH	8.35	pH units
SW	PC-C	1/25/2011	TDS	376	mg/L
SW	PC-C	1/25/2011	Suspended Solids	<10	mg/L
SW	PC-C	1/25/2011	Aluminum	<0.02	mg/L
SW	PC-C	1/25/2011	Barium	0.025	mg/L
SW	PC-C	1/25/2011	Beryllium	<0.002	mg/L
SW	PC-C	1/25/2011	Boron	<0.04	mg/L
SW	PC-C	1/25/2011	Cadmium	<0.002	mg/L
SW	PC-C	1/25/2011	Calcium	62	mg/L
SW	PC-C	1/25/2011	Chromium	<0.006	mg/L
SW	PC-C	1/25/2011	Cobalt	<0.005	mg/L
SW	PC-C	1/25/2011	Copper	<0.005	mg/L
SW	PC-C	1/25/2011	Iron	0.03	mg/L
SW	PC-C	1/25/2011	Lead	<0.005	mg/L
SW	PC-C	1/25/2011	Magnesium	11	mg/L
SW	PC-C	1/25/2011	Manganese	0.0039	mg/L
SW	PC-C	1/25/2011	Molybdenum	<0.005	mg/L
SW	PC-C	1/25/2011	Nickel	<0.01	mg/L
SW	PC-C	1/25/2011	Potassium	2.5	mg/L
SW	PC-C	1/25/2011	Silicon	21	mg/L
SW	PC-C	1/25/2011	Silver	<0.005	mg/L
SW	PC-D	1/25/2011	Cyanide	<0.01	mg/L
SW	PC-D	1/25/2011	Aluminum	<0.02	mg/L
SW	PC-D	1/25/2011	Barium	0.031	mg/L
SW	PC-D	1/25/2011	Beryllium	<0.002	mg/L
SW	PC-D	1/25/2011	Boron	<0.04	mg/L
SW	PC-D	1/25/2011	Cadmium	<0.002	mg/L
SW	PC-D	1/25/2011	Calcium	60	mg/L
SW	PC-D	1/25/2011	Chromium	<0.006	mg/L
SW	PC-D	1/25/2011	Cobalt	<0.005	mg/L
SW	PC-D	1/25/2011	Copper	<0.005	mg/L
SW	PC-D	1/25/2011	Iron	<0.02	mg/L
SW	PC-D	1/25/2011	Lead	<0.005	mg/L
SW	PC-D	1/25/2011	Magnesium	9.8	mg/L
SW	PC-D	1/25/2011	Manganese	0.0024	mg/L
SW	PC-D	1/25/2011	Molybdenum	0.0056	mg/L
SW	PC-D	1/25/2011	Nickel	<0.01	mg/L
SW	PC-D	1/25/2011	Potassium	2.9	mg/L
SW	PC-D	1/25/2011	Silicon	16	mg/L
SW	PC-D	1/25/2011	Silver	<0.005	mg/L
SW	PC-D	1/25/2011	Sodium	60	mg/L
SW	PC-D	1/25/2011	Vanadium	<0.05	mg/L

SURFACE WATER ANALYSIS DATA

SW	IC-D	1/25/2011	Zinc	<0.01	mg/L
SW	PC-D	1/25/2011	Antimony	<0.001	mg/L
SW	PC-D	1/25/2011	Arsenic	0.0021	mg/L
SW	PC-D	1/25/2011	Selenium	<0.001	mg/L
SW	PC-D	1/25/2011	Thallium	<0.001	mg/L
SW	PC-D	1/25/2011	Uranium	0.0029	mg/L
SW	PC-D	1/25/2011	Mercury	<0.0002	mg/L
SW	PC-D	1/25/2011	Fluoride	2	mg/L
SW	PC-D	1/25/2011	Chloride	9.3	mg/L
SW	PC-D	1/25/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	PC-D	1/25/2011	Nitrogen, Nitrate (As N)	0.22	mg/L
SW	PC-D	1/25/2011	Sulfate	66	mg/L
SW	PC-D	1/25/2011	Alkalinity, Total (As CaCO3)	190	mg/L CaCO3
SW	PC-D	1/25/2011	Carbonate	<2	mg/L CaCO3
SW	PC-D	1/25/2011	Bicarbonate	180	mg/L CaCO3
SW	PC-D	1/25/2011	Specific Conductance	490	µmhos/cm
SW	PC-D	1/25/2011	Ammonia	<1	mg/L
SW	PC-D	1/25/2011	pH	8.37	pH units
SW	PC-D	1/25/2011	TDS	330	mg/L
SW	PC-D	1/25/2011	Suspended Solids	<10	mg/L
SW	PL-A	1/26/2011	Cyanide	<0.005	mg/L
SW	IC-A	1/26/2011	Aluminum	<0.1	mg/L
SW	PC-A	1/26/2011	Barium	0.029	mg/L
SW	PC-A	1/26/2011	Beryllium	<0.01	mg/L
SW	PC-A	1/26/2011	Boron	<0.2	mg/L
SW	PC-A	1/26/2011	Cadmium	<0.01	mg/L
SW	PC-A	1/26/2011	Calcium	67	mg/L
SW	PC-A	1/26/2011	Chromium	<0.03	mg/L
SW	PC-A	1/26/2011	Cobalt	<0.03	mg/L
SW	PC-A	1/26/2011	Copper	<0.03	mg/L
SW	PC-A	1/26/2011	Iron	<0.02	mg/L
SW	IC-A	1/26/2011	Lead	<0.025	mg/L
SW	PC-A	1/26/2011	Magnesium	13	mg/L
SW	PC-A	1/26/2011	Manganese	<0.01	mg/L
SW	PC-A	1/26/2011	Molybdenum	<0.04	mg/L
SW	PC-A	1/26/2011	Nickel	<0.05	mg/L
SW	PC-A	1/26/2011	Potassium	1	mg/L
SW	PC-A	1/26/2011	Silicon	12	mg/L
SW	PC-A	1/26/2011	Silver	<0.025	mg/L
SW	PC-A	1/26/2011	Sodium	15	mg/L
SW	PC-A	1/26/2011	Vanadium	<0.25	mg/L
SW	PC-A	1/26/2011	Zinc	<0.05	mg/L
SW	IC-A	1/26/2011	Antimony	<0.001	mg/L
SW	PC-A	1/26/2011	Arsenic	<0.001	mg/L
SW	PC-A	1/26/2011	Selenium	<0.001	mg/L
SW	PC-A	1/26/2011	Thallium	<0.001	mg/L
SW	PC-A	1/26/2011	Uranium	0.0025	mg/L
SW	PC-A	1/26/2011	Mercury	<0.0002	mg/L
SW	PC-A	1/26/2011	Fluoride	0.47	mg/L
SW	PC-A	1/26/2011	Chloride	8.2	mg/L
SW	IC-A	1/26/2011	Nitrate (As N) Nitrite (As N)	<1	mg/L
SW	PC-A	1/26/2011	Sulfate	71	mg/L
SW	IC-A	1/26/2011	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
SW	PC-A	1/26/2011	Carbonate	<2	mg/L CaCO3
SW	PC-A	1/26/2011	Bicarbonate	170	mg/L CaCO3
SW	PC-A	1/26/2011	Specific Conductance	470	µmhos/cm
SW	PC-A	1/26/2011	Ammonia	<1	mg/L
SW	PC-A	1/26/2011	pH	8.3	pH units
SW	PC-A	1/26/2011	TDS	266	mg/L
SW	PC-A	1/26/2011	Suspended Solids	10	mg/L
SW	CSCS-B	4/19/2011	Aluminum	<0.02	mg/L
SW	CSCS-B	4/19/2011	Barium	0.014	mg/L
SW	CSCS-B	4/19/2011	Beryllium	<0.002	mg/L
SW	CSCS-B	4/19/2011	TDS	491	mg/L
SW	CSCS-B	4/19/2011	Suspended Solids	62	mg/L
SW	CSCS-B	4/19/2011	Boron	0.043	mg/L
SW	CSCS-B	4/19/2011	Cadmium	<0.002	mg/L
SW	CSCS-B	4/19/2011	Calcium	45	mg/L
SW	CSCS-B	4/19/2011	Chromium	<0.006	mg/L
SW	CSCS-B	4/19/2011	Cobalt	<0.006	mg/L
SW	CSCS-B	4/19/2011	Copper	<0.006	mg/L
SW	CSCS-B	4/19/2011	Iron	<0.02	mg/L
SW	CSCS-B	4/19/2011	Lead	<0.005	mg/L
SW	CSCS-B	4/19/2011	Magnesium	6.2	mg/L
SW	CSCS-B	4/19/2011	Manganese	<0.002	mg/L
SW	CSCS-B	4/19/2011	Molybdenum	0.012	mg/L

SURFACE WATER ANALYSIS DATA

SW	CSCS-B	4/19/2011	Nickel	<0.01	mg/L
SW	CSCS-B	4/19/2011	Potassium	3.7	mg/L
SW	CSCS-B	4/19/2011	Silicon	29	mg/L
SW	CSCS-B	4/19/2011	Silver	<0.005	mg/L
SW	CSCS-B	4/19/2011	Sodium	110	mg/L
SW	CSCS-B	4/19/2011	Vanadium	<0.05	mg/L
SW	CSCS-B	4/19/2011	Zinc	6.017	mg/L
SW	CSCS-B	4/19/2011	Antimony	<0.001	mg/L
SW	CSCS-B	4/19/2011	Arsenic	0.0043	mg/L
SW	CSCS-B	4/19/2011	Selenium	<0.001	mg/L
SW	CSCS-B	4/19/2011	Thallium	<0.001	mg/L
SW	CSCS-B	4/19/2011	Uranium	6.003	mg/L
SW	CSCS-B	4/19/2011	Mercury	<0.0002	mg/L
SW	CSCS-B	4/19/2011	Fluoride	6.8	mg/L
SW	CSCS-B	4/19/2011	Chloride	17	mg/L
SW	CSCS-B	4/19/2011	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	CSCS-B	4/19/2011	Sulfate	79	mg/L
SW	CSCS-B	4/19/2011	Alkalinity, Total (As CaCO3)	250	mg/L CaCO3
SW	CSCS-B	4/19/2011	Carbonate	<2	mg/L CaCO3
SW	CSCS-B	4/19/2011	Bicarbonate	250	mg/L CaCO3
SW	CSCS-B	4/19/2011	Specific Conductance	690	µmhos/cm
SW	CSCS-B	4/19/2011	Ammonia	<1	mg/L
SW	CSCS-B	4/19/2011	pH	7.64	pH units
SW	CSCS-B	4/19/2011	Cyanide	<0.01	mg/L
SW	WS	4/19/2011	Aluminum	<0.02	mg/L
SW	WS	4/19/2011	Barium	0.012	mg/L
SW	WS	4/19/2011	Beryllium	<0.002	mg/L
SW	WS	4/19/2011	Boron	6.071	mg/L
SW	WS	4/19/2011	Cadmium	<0.002	mg/L
SW	WS	4/19/2011	Celcium	7.5	mg/L
SW	WS	4/19/2011	Chromium	<0.006	mg/L
SW	WS	4/19/2011	Cobalt	<0.008	mg/L
SW	WS	4/19/2011	Copper	<0.006	mg/L
SW	WS	4/19/2011	Iron	<0.02	mg/L
SW	WS	4/19/2011	Lead	<0.005	mg/L
SW	WS	4/19/2011	Magnesium	<1	mg/L
SW	WS	4/19/2011	Manganese	0.03	mg/L
SW	WS	4/19/2011	Molybdenum	<0.008	mg/L
SW	WS	4/19/2011	Nickel	<0.01	mg/L
SW	WS	4/19/2011	Potassium	11	mg/L
SW	WS	4/19/2011	Silicon	65	mg/L
SW	WS	4/19/2011	Silver	<0.005	mg/L
SW	WS	4/19/2011	Sodium	180	mg/L
SW	WS	4/19/2011	Vanadium	<0.05	mg/L
SW	WS	4/19/2011	Zinc	<0.01	mg/L
SW	WS	4/19/2011	Antimony	<0.001	mg/L
SW	WS	4/19/2011	Arsenic	<0.001	mg/L
SW	WS	4/19/2011	Selenium	<0.001	mg/L
SW	WS	4/19/2011	Thallium	<0.001	mg/L
SW	WS	4/19/2011	Uranium	<0.001	mg/L
SW	WS	4/19/2011	Mercury	<0.0002	mg/L
SW	WS	4/19/2011	Fluoride	19	mg/L
SW	WS	4/19/2011	Chloride	18	mg/L
SW	WS	4/19/2011	Nitrate (As N)+Nitrite (As N)	<1	mg/L
SW	WS	4/19/2011	Sulfate	120	mg/L
SW	WS	4/19/2011	Alkalinity, Total (As CaCO3)	240	mg/L CaCO3
SW	WS	4/19/2011	Carbonate	<2	mg/L CaCO3
SW	WS	4/19/2011	Bicarbonate	240	mg/L CaCO3
SW	WS	4/19/2011	Specific Conductance	750	µmhos/cm
SW	WS	4/19/2011	Ammonia	<1	mg/L
SW	WS	4/19/2011	pH	8.08	pH units
SW	WS	4/19/2011	TDS	617	mg/L
SW	WS	4/19/2011	Suspended Solids	<10	mg/L
SW	WS	4/19/2011	Cyanide	<0.01	mg/L
SW	PC-A	4/20/2011	Aluminum	<0.02	mg/L
SW	PC-A	4/20/2011	Barium	0.038	mg/L
SW	PC-A	4/20/2011	Beryllium	<0.002	mg/L
SW	PC-A	4/20/2011	Boron	<0.04	mg/L
SW	PC-A	4/20/2011	Cadmium	<0.002	mg/L
SW	PC-A	4/20/2011	Celcium	7.5	mg/L
SW	PC-A	4/20/2011	Chromium	<0.006	mg/L
SW	PC-A	4/20/2011	Cobalt	<0.008	mg/L
SW	PC-A	4/20/2011	Copper	<0.006	mg/L
SW	PC-A	4/20/2011	Iron	<0.02	mg/L
SW	PC-A	4/20/2011	Lead	<0.005	mg/L
SW	PC-A	4/20/2011	Magnesium	15	mg/L

SURFACE WATER ANALYSIS DATA

SW	IX-A	4/20/2011	Manganese	<0.002	mg/L
SW	PC-A	4/20/2011	Molybdenum	<0.008	mg/L
SW	PC-A	4/20/2011	Nickel	<0.01	mg/L
SW	PC-A	4/20/2011	Potassium	<1	mg/L
SW	PC-A	4/20/2011	Silicon	15	mg/L
SW	PC-A	4/20/2011	Silver	<0.005	mg/L
SW	PC-A	4/20/2011	Sodium	14	mg/L
SW	PC-A	4/20/2011	Vanadium	<0.05	mg/L
SW	PC-A	4/20/2011	Zinc	0.029	mg/L
SW	PC-A	4/20/2011	Antimony	<0.001	mg/L
SW	PC-A	4/20/2011	Arsenic	<0.001	mg/L
SW	PC-A	4/20/2011	Selenium	<0.001	mg/L
SW	PC-A	4/20/2011	Thallium	<0.001	mg/L
SW	PC-A	4/20/2011	Uranium	<0.0025	mg/L
SW	PC-A	4/20/2011	Mercury	<0.0002	mg/L
SW	PC-A	4/20/2011	Fluoride	0.5	mg/L
SW	PC-A	4/20/2011	Chloride	7.3	mg/L
SW	PC-A	4/20/2011	Sulfate	74	mg/L
SW	PC-A	4/20/2011	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	PC-A	4/20/2011	Carbonate	<2	mg/L CaCO3
SW	PC-A	4/20/2011	Bicarbonate	190	mg/L CaCO3
SW	IX-A	4/20/2011	Cyanide	<0.005	mg/L
SW	PC-A	4/20/2011	Specific Conductance	510	µmhos/cm
SW	PC-A	4/20/2011	Ammonia	<1	mg/L
SW	PC-A	4/20/2011	pH	8.35	pH units
SW	PC-A	4/20/2011	TDS	350	mg/L
SW	PC-A	4/20/2011	Suspended Solids	<10	mg/L
SW	PC-C	4/20/2011	Aluminum	0.37	mg/L
SW	PC-C	4/20/2011	Aluminum	<0.02	mg/L
SW	PC-C	4/20/2011	Barium	0.03	mg/L
SW	PC-C	4/20/2011	Barium	0.0079	mg/L
SW	IX-C	4/20/2011	Beryllium	<0.002	mg/L
SW	PC-C	4/20/2011	Beryllium	<0.002	mg/L
SW	PC-C	4/20/2011	Boron	<0.04	mg/L
SW	PC-C	4/20/2011	Boron	<0.04	mg/L
SW	PC-C	4/20/2011	Cadmium	<0.002	mg/L
SW	PC-C	4/20/2011	Cadmium	<0.002	mg/L
SW	PC-C	4/20/2011	Calcium	9.8	mg/L
SW	PC-C	4/20/2011	Calcium	47	mg/L
SW	PC-C	4/20/2011	Chromium	<0.008	mg/L
SW	PC-C	4/20/2011	Chromium	<0.008	mg/L
SW	PC-C	4/20/2011	Cobalt	<0.008	mg/L
SW	IX-C	4/20/2011	Cobalt	<0.005	mg/L
SW	PC-C	4/20/2011	Copper	0.0096	mg/L
SW	PC-C	4/20/2011	Copper	<0.005	mg/L
SW	PC-C	4/20/2011	Iron	0.21	mg/L
SW	PC-C	4/20/2011	Iron	<0.02	mg/L
SW	PC-C	4/20/2011	Lead	<0.005	mg/L
SW	PC-C	4/20/2011	Lead	<0.005	mg/L
SW	PC-C	4/20/2011	Magnesium	1.2	mg/L
SW	IX-C	4/20/2011	Magnesium	8.5	mg/L
SW	PC-C	4/20/2011	Manganese	0.017	mg/L
SW	IX-C	4/20/2011	Manganese	0.0039	mg/L
SW	PC-C	4/20/2011	Molybdenum	0.0087	mg/L
SW	PC-C	4/20/2011	Molybdenum	<0.008	mg/L
SW	PC-C	4/20/2011	Nickel	<0.01	mg/L
SW	PC-C	4/20/2011	Nickel	<0.01	mg/L
SW	PC-C	4/20/2011	Potassium	3.1	mg/L
SW	PC-C	4/20/2011	Potassium	<1	mg/L
SW	PC-C	4/20/2011	Silicon	20	mg/L
SW	IX-C	4/20/2011	Silicon	4.3	mg/L
SW	PC-C	4/20/2011	Silver	<0.005	mg/L
SW	PC-C	4/20/2011	Silver	<0.005	mg/L
SW	PC-C	4/20/2011	Sodium	58	mg/L
SW	PC-C	4/20/2011	Sodium	16	mg/L
SW	PC-C	4/20/2011	Vanadium	<0.05	mg/L
SW	PC-C	4/20/2011	Vanadium	<0.05	mg/L
SW	PC-C	4/20/2011	Zinc	<0.01	mg/L
SW	PC-C	4/20/2011	Zinc	0.036	mg/L
SW	PC-C	4/20/2011	Antimony	<0.001	mg/L
SW	PC-C	4/20/2011	Antimony	<0.001	mg/L
SW	IX-C	4/20/2011	Arsenic	0.0021	mg/L
SW	PC-C	4/20/2011	Arsenic	0.0021	mg/L
SW	IX-C	4/20/2011	Selenium	<0.001	mg/L
SW	PC-C	4/20/2011	Selenium	<0.001	mg/L
SW	PC-C	4/20/2011	Thallium	<0.001	mg/L

SURFACE WATER ANALYSIS DATA

SW	PC-C	4/20/2011	Thallium	<0.001	mg/L
SW	PC-C	4/20/2011	Uranium	<0.001	mg/L
SW	PC-C	4/20/2011	Uranium	0.0018	mg/L
SW	PC-C	4/20/2011	Mercury	<0.0002	mg/L
SW	PC-C	4/20/2011	Mercury	<0.0002	mg/L
SW	PC-C	4/20/2011	Fluoride	3.7	mg/L
SW	PC-C	4/20/2011	Chloride	11	mg/L
SW	PC-C	4/20/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	PC-C	4/20/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	PC-C	4/20/2011	Sulfate	70	mg/L
SW	PC-C	4/20/2011	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	PC-C	4/20/2011	Carbonate	<2	mg/L CaCO3
SW	PC-C	4/20/2011	Bicarbonate	200	mg/L CaCO3
SW	PC-C	4/20/2011	Cyanide	<0.005	mg/L
SW	PC-C	4/20/2011	Specific Conductance	660	µmhos/cm
SW	PC-C	4/20/2011	Mercury	<0.003	mg/Kg
SW	PC-C	4/20/2011	Mercury	<0.0002	mg/L
SW	PC-C	4/20/2011	Ammonia	<1	mg/L
SW	PC-C	4/20/2011	pH	8.39	pH units
SW	PC-C	4/20/2011	TDS	373	mg/L
SW	PC-C	4/20/2011	Suspended Solids	<10	mg/L
SW	PC-D	4/21/2011	Aluminum	<0.02	mg/L
SW	PC-D	4/21/2011	Barium	0.024	mg/L
SW	PC-D	4/21/2011	Beryllium	<0.002	mg/L
SW	PC-D	4/21/2011	Boron	<0.04	mg/L
SW	PC-D	4/21/2011	Cadmium	<0.002	mg/L
SW	PC-D	4/21/2011	Calcium	69	mg/L
SW	PC-D	4/21/2011	Chromium	<0.006	mg/L
SW	PC-D	4/21/2011	Cobalt	<0.006	mg/L
SW	PC-D	4/21/2011	Copper	<0.006	mg/L
SW	PC-D	4/21/2011	Iron	<0.02	mg/L
SW	PC-D	4/21/2011	Lead	<0.005	mg/L
SW	PC-D	4/21/2011	Magnesium	10	mg/L
SW	PC-D	4/21/2011	Manganese	0.0057	mg/L
SW	PC-D	4/21/2011	Molybdenum	<0.004	mg/L
SW	PC-D	4/21/2011	Nickel	<0.01	mg/L
SW	PC-D	4/21/2011	Potassium	2	mg/L
SW	PC-D	4/21/2011	Silicon	17	mg/L
SW	PC-D	4/21/2011	Silver	<0.005	mg/L
SW	PC-D	4/21/2011	Sodium	35	mg/L
SW	PC-D	4/21/2011	Vanadium	<0.05	mg/L
SW	PC-D	4/21/2011	Zinc	0.015	mg/L
SW	PC-D	4/21/2011	Antimony	<0.001	mg/L
SW	PC-D	4/21/2011	Arsenic	0.0022	mg/L
SW	PC-D	4/21/2011	Selenium	<0.001	mg/L
SW	PC-D	4/21/2011	Thallium	<0.001	mg/L
SW	PC-D	4/21/2011	Uranium	0.0026	mg/L
SW	PC-D	4/21/2011	Mercury	<0.0002	mg/L
SW	PC-D	4/21/2011	Fluoride	1.9	mg/L
SW	PC-D	4/21/2011	Chloride	9.7	mg/L
SW	PC-D	4/21/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	PC-D	4/21/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	PC-D	4/21/2011	Sulfate	62	mg/L
SW	PC-D	4/21/2011	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	PC-D	4/21/2011	Carbonate	<2	mg/L CaCO3
SW	PC-D	4/21/2011	Bicarbonate	200	mg/L CaCO3
SW	PC-D	4/21/2011	Cyanide	<0.005	mg/L
SW	PC-D	4/21/2011	Specific Conductance	620	µmhos/cm
SW	PC-D	4/21/2011	Ammonia	<1	mg/L
SW	PC-D	4/21/2011	pH	8.27	pH units
SW	PC-D	4/21/2011	TDS	340	mg/L
SW	PC-D	4/21/2011	Suspended Solids	<10	mg/L
SW	LAC-A	4/26/2011	Aluminum	<0.02	mg/L
SW	LAC-A	4/26/2011	Barium	0.014	mg/L
SW	LAC-A	4/26/2011	Beryllium	<0.002	mg/L
SW	LAC-A	4/26/2011	Boron	<0.04	mg/L
SW	LAC-A	4/26/2011	Cadmium	<0.002	mg/L
SW	LAC-A	4/26/2011	Calcium	45	mg/L
SW	LAC-A	4/26/2011	Chromium	<0.006	mg/L
SW	LAC-A	4/26/2011	Cobalt	<0.006	mg/L
SW	LAC-A	4/26/2011	Copper	<0.006	mg/L
SW	LAC-A	4/26/2011	Iron	<0.02	mg/L
SW	LAC-A	4/26/2011	Lead	<0.005	mg/L
SW	LAC-A	4/26/2011	Magnesium	8.5	mg/L
SW	LAC-A	4/26/2011	Manganese	0.004	mg/L
SW	LAC-A	4/26/2011	Molybdenum	<0.004	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-A	4/26/2011	Nickel	<0.01	mg/L
SW	LAC-A	4/26/2011	Potassium	2.1	mg/L
SW	LAC-A	4/26/2011	Silicon	21	mg/L
SW	LAC-A	4/26/2011	Silver	<0.005	mg/L
SW	LAC-A	4/26/2011	Sodium	17	mg/L
SW	LAC-A	4/26/2011	Vanadium	<0.05	mg/L
SW	LAC-A	4/26/2011	Zinc	6.06	mg/L
SW	LAC-A	4/26/2011	Antimony	<0.001	mg/L
SW	LAC-A	4/26/2011	Arsenic	0.0012	mg/L
SW	LAC-A	4/26/2011	Selenium	<0.001	mg/L
SW	LAC-A	4/26/2011	Thallium	<0.001	mg/L
SW	LAC-A	4/26/2011	Uranium	0.0012	mg/L
SW	LAC-A	4/26/2011	Mercury	<0.0002	mg/L
SW	LAC-A	4/26/2011	Fluoride	0.44	mg/L
SW	LAC-A	4/26/2011	Chloride	4.4	mg/L
SW	LAC-A	4/26/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	LAC-A	4/26/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	LAC-A	4/26/2011	Sulfate	11	mg/L
SW	LAC-A	4/26/2011	Alkalinity, Total (As CaCO3)	180	mg/L CaCO3
SW	LAC-A	4/26/2011	Carbonate	4.3	mg/L CaCO3
SW	LAC-A	4/26/2011	Bicarbonate	160	mg/L CaCO3
SW	LAC-A	4/26/2011	Cyanide	<0.01	mg/L
SW	LAC-A	4/26/2011	Specific Conductance	330	µmhos/cm
SW	LAC-A	4/26/2011	pH	8.47	pH units
SW	LAC-A	4/26/2011	TDS	241	mg/L
SW	LAC-A	4/26/2011	Suspended Solids	<10	mg/L
SW	LAC-C	4/26/2011	Aluminum	<0.02	mg/L
SW	LAC-C	4/26/2011	Barium	0.014	mg/L
SW	LAC-C	4/26/2011	Beryllium	<0.002	mg/L
SW	LAC-C	4/26/2011	Boron	<0.04	mg/L
SW	LAC-C	4/26/2011	Cadmium	<0.002	mg/L
SW	LAC-C	4/26/2011	Calcium	65	mg/L
SW	LAC-C	4/26/2011	Chromium	<0.035	mg/L
SW	LAC-C	4/26/2011	Cobalt	<0.006	mg/L
SW	LAC-C	4/26/2011	Copper	<0.006	mg/L
SW	LAC-C	4/26/2011	Iron	<0.02	mg/L
SW	LAC-C	4/26/2011	Lead	<0.005	mg/L
SW	LAC-C	4/26/2011	Magnesium	8.5	mg/L
SW	LAC-C	4/26/2011	Manganese	<0.002	mg/L
SW	LAC-C	4/26/2011	Molybdenum	<0.008	mg/L
SW	LAC-C	4/26/2011	Nickel	<0.01	mg/L
SW	LAC-C	4/26/2011	Potassium	2	mg/L
SW	LAC-C	4/26/2011	Silicon	19	mg/L
SW	LAC-C	4/26/2011	Silver	<0.005	mg/L
SW	LAC-C	4/26/2011	Sodium	23	mg/L
SW	LAC-C	4/26/2011	Vanadium	<0.05	mg/L
SW	LAC-C	4/26/2011	Zinc	0.042	mg/L
SW	LAC-C	4/26/2011	Antimony	<0.001	mg/L
SW	LAC-C	4/26/2011	Arsenic	0.0013	mg/L
SW	LAC-C	4/26/2011	Selenium	<0.001	mg/L
SW	LAC-C	4/26/2011	Thallium	<0.001	mg/L
SW	LAC-C	4/26/2011	Uranium	0.0011	mg/L
SW	LAC-C	4/26/2011	Mercury	<0.0002	mg/L
SW	LAC-C	4/26/2011	Fluoride	0.48	mg/L
SW	LAC-C	4/26/2011	Chloride	19	mg/L
SW	LAC-C	4/26/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	LAC-C	4/26/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	LAC-C	4/26/2011	Sulfate	20	mg/L
SW	LAC-C	4/26/2011	Alkalinity, Total (As CaCO3)	180	mg/L CaCO3
SW	LAC-C	4/26/2011	Carbonate	<2	mg/L CaCO3
SW	LAC-C	4/26/2011	Bicarbonate	180	mg/L CaCO3
SW	LAC-C	4/26/2011	Cyanide	<0.01	mg/L
SW	LAC-C	4/26/2011	Specific Conductance	420	µmhos/cm
SW	LAC-C	4/26/2011	pH	8.23	pH units
SW	LAC-C	4/26/2011	TDS	267	mg/L
SW	LAC-C	4/26/2011	Suspended Solids	<10	mg/L
SW	NWS	4/26/2011	Aluminum	<0.02	mg/L
SW	NWS	4/26/2011	Barium	0.023	mg/L
SW	NWS	4/26/2011	Beryllium	<0.002	mg/L
SW	NWS	4/26/2011	Boron	<0.04	mg/L
SW	NWS	4/26/2011	Cadmium	<0.002	mg/L
SW	NWS	4/26/2011	Calcium	40	mg/L
SW	NWS	4/26/2011	Chromium	<0.035	mg/L
SW	NWS	4/26/2011	Cobalt	<0.006	mg/L
SW	NWS	4/26/2011	Copper	<0.006	mg/L
SW	NWS	4/26/2011	Iron	<0.02	mg/L

SURFACE WATER ANALYSIS DATA

SW	NWS	4/26/2011	Lead	<0.005	mg/L
SW	NWS	4/26/2011	Magnesium	15	mg/L
SW	NWS	4/26/2011	Manganese	<0.002	mg/L
SW	NWS	4/26/2011	Molybdenum	<0.001	mg/L
SW	NWS	4/26/2011	Nickel	<0.01	mg/L
SW	NWS	4/26/2011	Potassium	3.8	mg/L
SW	NWS	4/26/2011	Silicon	12	mg/L
SW	NWS	4/26/2011	Silver	<0.005	mg/L
SW	NWS	4/26/2011	Sodium	67	mg/L
SW	NWS	4/26/2011	Vanadium	<0.05	mg/L
SW	NWS	4/26/2011	Zinc	0.046	mg/L
SW	NWS	4/26/2011	Antimony	<0.001	mg/L
SW	NWS	4/26/2011	Arsenic	0.007	mg/L
SW	NWS	4/26/2011	Selenium	<0.001	mg/L
SW	NWS	4/26/2011	Thallium	<0.001	mg/L
SW	NWS	4/26/2011	Uranium	0.0013	mg/L
SW	NWS	4/26/2011	Mercury	<0.0002	mg/L
SW	NWS	4/26/2011	Fluoride	1.7	mg/L
SW	NWS	4/26/2011	Chloride	64	mg/L
SW	NWS	4/26/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	NWS	4/26/2011	Nitrogen, Nitrate (As N)	0.21	mg/L
SW	NWS	4/26/2011	Sulfate	28	mg/L
SW	NWS	4/26/2011	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
SW	NWS	4/26/2011	Carbonate	<2	mg/L CaCO3
SW	NWS	4/26/2011	Bicarbonate	170	mg/L CaCO3
SW	NWS	4/26/2011	Cyanide	<0.01	mg/L
SW	NWS	4/26/2011	Specific Conductance	600	µmhos/cm
SW	NWS	4/26/2011	pH	7.84	pH units
SW	NWS	4/26/2011	TDS	357	mg/L
SW	NWS	4/26/2011	Suspended Solids	<10	mg/L
SW	LAC-E	4/27/2011	Chromium	<0.006	mg/L
SW	LAC-E	4/27/2011	Cobalt	<0.008	mg/L
SW	LAC-E	4/27/2011	Copper	<0.005	mg/L
SW	LAC-E	4/27/2011	Iron	<0.02	mg/L
SW	LAC-F	4/27/2011	Lead	<0.005	mg/L
SW	LAC-E	4/27/2011	Magnesium	8.3	mg/L
SW	LAC-E	4/27/2011	Manganese	<0.002	mg/L
SW	LAC-E	4/27/2011	Molybdenum	<0.003	mg/L
SW	LAC-E	4/27/2011	Nickel	<0.01	mg/L
SW	LAC-E	4/27/2011	Potassium	1.3	mg/L
SW	LAC-E	4/27/2011	Silicon	19	mg/L
SW	LAC-E	4/27/2011	Silver	<0.005	mg/L
SW	LAC-E	4/27/2011	Sodium	23	mg/L
SW	LAC-E	4/27/2011	Vanadium	<0.05	mg/L
SW	LAC-E	4/27/2011	Zinc	0.037	mg/L
SW	LAC-F	4/27/2011	Antimony	<0.001	mg/L
SW	LAC-E	4/27/2011	Arsenic	0.0017	mg/L
SW	LAC-E	4/27/2011	Selenium	<0.001	mg/L
SW	LAC-E	4/27/2011	Thallium	<0.001	mg/L
SW	LAC-E	4/27/2011	Uranium	0.0012	mg/L
SW	LAC-E	4/27/2011	Mercury	<0.0002	mg/L
SW	LAC-E	4/27/2011	Fluoride	0.53	mg/L
SW	LAC-E	4/27/2011	Chloride	15	mg/L
SW	LAC-F	4/27/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	LAC-E	4/27/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	LAC-F	4/27/2011	Sulfate	14	mg/L
SW	LAC-E	4/27/2011	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	LAC-E	4/27/2011	Carbonate	3.4	mg/L CaCO3
SW	LAC-E	4/27/2011	Bicarbonate	200	mg/L CaCO3
SW	LAC-E	4/27/2011	Cyanide	<0.01	mg/L
SW	LAC-E	4/27/2011	Specific Conductance	430	µmhos/cm
SW	LAC-E	4/27/2011	pH	8.41	pH units
SW	LAC-E	4/27/2011	TDS	291	mg/L
SW	LAC-E	4/27/2011	Suspended Solids	<10	mg/L
SW	LAC-E	4/27/2011	Aluminum	<0.02	mg/L
SW	LAC-E	4/27/2011	Barium	0.021	mg/L
SW	LAC-E	4/27/2011	Beryllium	<0.002	mg/L
SW	LAC-E	4/27/2011	Boron	<0.04	mg/L
SW	LAC-E	4/27/2011	Cadmium	<0.002	mg/L
SW	LAC-E	4/27/2011	Calcium	60	mg/L
SW	LAC-E	4/27/2011	Aluminum	<0.02	mg/L
SW	LAC-E	4/27/2011	Barium	0.021	mg/L
SW	LAC-E	4/27/2011	Beryllium	<0.002	mg/L
SW	LAC-E	4/27/2011	Boron	<0.04	mg/L
SW	LAC-F	4/27/2011	Cadmium	<0.002	mg/L
SW	LAC-E	4/27/2011	Calcium	60	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-E	4/27/2011	Chromium	<0.008	mg/L
SW	LAC-E	4/27/2011	Cobalt	<0.006	mg/L
SW	LAC-E	4/27/2011	Copper	<0.006	mg/L
SW	LAC-F	4/27/2011	Iron	<0.02	mg/L
SW	LAC-E	4/27/2011	Lead	<0.005	mg/L
SW	LAC-E	4/27/2011	Magnesium	8.4	mg/L
SW	LAC-E	4/27/2011	Manganese	<0.002	mg/L
SW	LAC-E	4/27/2011	Molybdenum	<0.008	mg/L
SW	LAC-E	4/27/2011	Nickel	<0.01	mg/L
SW	LAC-E	4/27/2011	Potassium	1.4	mg/L
SW	LAC-E	4/27/2011	Silicon	19	mg/L
SW	LAC-E	4/27/2011	Silver	<0.005	mg/L
SW	LAC-E	4/27/2011	Sodium	25	mg/L
SW	LAC-E	4/27/2011	Vanadium	<0.05	mg/L
SW	LAC-E	4/27/2011	Zinc	0.043	mg/L
SW	LAC-E	4/27/2011	Antimony	<0.001	mg/L
SW	LAC-E	4/27/2011	Arsenic	0.0017	mg/L
SW	LAC-E	4/27/2011	Selenium	<0.001	mg/L
SW	LAC-E	4/27/2011	Thallium	<0.001	mg/L
SW	LAC-E	4/27/2011	Uranium	0.0012	mg/L
SW	LAC-E	4/27/2011	Mercury	<0.0002	mg/L
SW	LAC-E	4/27/2011	Fluoride	0.61	mg/L
SW	LAC-E	4/27/2011	Chloride	15	mg/L
SW	LAC-E	4/27/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
SW	LAC-F	4/27/2011	Nitrogen, Nitrate (As N)	0.78	mg/L
SW	LAC-E	4/27/2011	Sulfate	14	mg/L
SW	LAC-E	4/27/2011	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
SW	LAC-E	4/27/2011	Carbonate	2.6	mg/L CaCO3
SW	LAC-E	4/27/2011	Bicarbonate	200	mg/L CaCO3
SW	LAC-E	4/27/2011	Cyanide	<0.01	mg/L
SW	LAC-E	4/27/2011	Specific Conductance	440	µmhos/cm
SW	LAC-E	4/27/2011	Mercury	<0.033	mg/Kg
SW	LAC-E	4/27/2011	pH	8.36	pH units
SW	LAC-E	4/27/2011	TDS	296	mg/L
SW	LAC-F	4/27/2011	Suspended Solids	<10	mg/L
SW	SWC-3	4/27/2011	Aluminum	<0.02	mg/L
SW	SWQ-3	4/27/2011	Aluminum	0.079	mg/L
SW	SWC-3	4/27/2011	Barium	0.032	mg/L
SW	SWC-3	4/27/2011	Barium	0.023	mg/L
SW	SWC-3	4/27/2011	Beryllium	<0.002	mg/L
SW	SWC-3	4/27/2011	Beryllium	<0.002	mg/L
SW	SWO-3	4/27/2011	Boron	0.075	mg/L
SW	SWC-3	4/27/2011	Boron	<0.04	mg/L
SW	SWO-3	4/27/2011	Cadmium	<0.002	mg/L
SW	SWO-3	4/27/2011	Cadmium	<0.002	mg/L
SW	SWC-3	4/27/2011	Calcium	610	mg/L
SW	SWQ-3	4/27/2011	Calcium	75	mg/L
SW	SWQ-3	4/27/2011	Chromium	<0.006	mg/L
SW	SWC-3	4/27/2011	Chromium	<0.006	mg/L
SW	SWC-3	4/27/2011	Cobalt	<0.006	mg/L
SW	SWC-3	4/27/2011	Cobalt	<0.008	mg/L
SW	SWO-3	4/27/2011	Copper	0.011	mg/L
SW	SWC-3	4/27/2011	Copper	<0.008	mg/L
SW	SWC-3	4/27/2011	Iron	0.033	mg/L
SW	SWO-3	4/27/2011	Iron	<0.02	mg/L
SW	SWC-3	4/27/2011	Lead	<0.005	mg/L
SW	SWC-3	4/27/2011	Lead	<0.005	mg/L
SW	SWQ-3	4/27/2011	Magnesium	10	mg/L
SW	SWC-3	4/27/2011	Magnesium	210	mg/L
SW	SWC-3	4/27/2011	Manganese	0.027	mg/L
SW	SWC-3	4/27/2011	Manganese	<0.002	mg/L
SW	SWO-3	4/27/2011	Molybdenum	0.011	mg/L
SW	SWO-3	4/27/2011	Molybdenum	0.022	mg/L
SW	SWC-3	4/27/2011	Nickel	<0.01	mg/L
SW	SWO-3	4/27/2011	Nickel	<0.01	mg/L
SW	SWQ-3	4/27/2011	Potassium	<1	mg/L
SW	SWC-3	4/27/2011	Potassium	3.8	mg/L
SW	SWQ-3	4/27/2011	Silicon	2.9	mg/L
SW	SWC-3	4/27/2011	Silicon	18	mg/L
SW	SWC-3	4/27/2011	Silver	<0.005	mg/L
SW	SWC-3	4/27/2011	Silver	<0.005	mg/L
SW	SWC-3	4/27/2011	Sodium	410	mg/L
SW	SWO-3	4/27/2011	Sodium	25	mg/L
SW	SWC-3	4/27/2011	Vanadium	<0.05	mg/L
SW	SWC-3	4/27/2011	Vanadium	<0.05	mg/L
SW	SWO-3	4/27/2011	Zinc	0.031	mg/L

SURFACE WATER ANALYSIS DATA

SW	SWC-3	4/27/2011	Zinc	<0.01	mg/L
SW	SWO-3	4/27/2011	Antimony	<0.001	mg/L
SW	SWO-3	4/27/2011	Antimony	<0.001	mg/L
SW	SWC-3	4/27/2011	Arsenic	<0.001	mg/L
SW	SWO-3	4/27/2011	Arsenic	<0.001	mg/L
SW	SWQ-3	4/27/2011	Selenium	0.0013	mg/L
SW	SWC-3	4/27/2011	Selenium	0.0065	mg/L
SW	SWQ-3	4/27/2011	Thallium	<0.001	mg/L
SW	SWC-3	4/27/2011	Thallium	<0.001	mg/L
SW	SWC-3	4/27/2011	Uranium	0.012	mg/L
SW	SWC-3	4/27/2011	Uranium	0.0014	mg/L
SW	SWC-3	4/27/2011	Mercury	<0.0002	mg/L
SW	SWO-3	4/27/2011	Mercury	<0.0002	mg/L
SW	SWC-3	4/27/2011	Fluoride	1.4	mg/L
SW	SWC-3	4/27/2011	Chloride	74	mg/L
SW	SWQ-3	4/27/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
SW	SWC-3	4/27/2011	Nitrogen, Nitrate (As N)	0.15	mg/L
SW	SWC-3	4/27/2011	Sulfate	2900	mg/L
SW	SWC-3	4/27/2011	Alkalinity, Total (As CaCO3)	430	mg/L CaCO3
SW	SWC-3	4/27/2011	Carbonate	<2	mg/L CaCO3
SW	SWO-3	4/27/2011	Bicarbonate	450	mg/L CaCO3
SW	SWC-3	4/27/2011	Cyanide	<0.01	mg/L
SW	SWO-3	4/27/2011	Specific Conductance	4400	µmhos/cm
SW	SWO-3	4/27/2011	Mercury	<0.033	mg/Kg
SW	SWC-3	4/27/2011	pH	7.92	pH units
SW	SWO-3	4/27/2011	TDS	4590	mg/L
SW	SWQ-3	4/27/2011	Suspended Solids	23	mg/L
SW	SWC-2	4/28/2011	Aluminum	<0.02	mg/L
SW	SWQ-2	4/28/2011	Barium	0.019	mg/L
SW	SWC-2	4/28/2011	Beryllium	<0.002	mg/L
SW	SWO-2	4/28/2011	Boron	<0.04	mg/L
SW	SWC-2	4/28/2011	Cadmium	<0.002	mg/L
SW	SWC-2	4/28/2011	Calcium	79	mg/L
SW	SWO-2	4/28/2011	Chromium	<0.006	mg/L
SW	SWC-2	4/28/2011	Cobalt	<0.006	mg/L
SW	SWC-2	4/28/2011	Copper	0.014	mg/L
SW	SWQ-2	4/28/2011	Iron	<0.02	mg/L
SW	SWC-2	4/28/2011	Lead	<0.005	mg/L
SW	SWC-2	4/28/2011	Magnesium	15	mg/L
SW	SWC-2	4/28/2011	Manganese	0.0029	mg/L
SW	SWC-2	4/28/2011	Molybdenum	0.0082	mg/L
SW	SWO-2	4/28/2011	Nickel	<0.01	mg/L
SW	SWC-2	4/28/2011	Potassium	2.9	mg/L
SW	SWO-2	4/28/2011	Silicon	3.3	mg/L
SW	SWO-2	4/28/2011	Silver	<0.005	mg/L
SW	SWC-2	4/28/2011	Sodium	41	mg/L
SW	SWQ-2	4/28/2011	Vanadium	<0.05	mg/L
SW	SWQ-2	4/28/2011	Zinc	<0.01	mg/L
SW	SWC-2	4/28/2011	Antimony	<0.001	mg/L
SW	SWC-2	4/28/2011	Arsenic	<0.001	mg/L
SW	SWC-2	4/28/2011	Selenium	0.0022	mg/L
SW	SWO-2	4/28/2011	Thallium	<0.001	mg/L
SW	SWC-2	4/28/2011	Uranium	<0.001	mg/L
SW	SWC-2	4/28/2011	Mercury	<0.0002	mg/L
SW	SWO-2	4/28/2011	Mercury	<0.033	mg/Kg
SW	LAC-F	5/4/2011	Aluminum	0.48	mg/L
SW	LAC-E	5/4/2011	Barium	0.01	mg/L
SW	LAC-E	5/4/2011	Beryllium	<0.002	mg/L
SW	LAC-E	5/4/2011	Boron	0.073	mg/L
SW	LAC-E	5/4/2011	Cadmium	<0.002	mg/L
SW	LAC-E	5/4/2011	Calcium	8.6	mg/L
SW	LAC-E	5/4/2011	Chromium	<0.006	mg/L
SW	LAC-E	5/4/2011	Cobalt	<0.006	mg/L
SW	LAC-E	5/4/2011	Copper	<0.005	mg/L
SW	LAC-E	5/4/2011	Iron	0.24	mg/L
SW	LAC-E	5/4/2011	Lead	<0.005	mg/L
SW	LAC-E	5/4/2011	Magnesium	<1	mg/L
SW	LAC-E	5/4/2011	Manganese	0.022	mg/L
SW	LAC-E	5/4/2011	Molybdenum	<0.008	mg/L
SW	LAC-E	5/4/2011	Nickel	<0.01	mg/L
SW	LAC-E	5/4/2011	Potassium	<1	mg/L
SW	LAC-E	5/4/2011	Silicon	4.6	mg/L
SW	LAC-E	5/4/2011	Silver	<0.005	mg/L
SW	LAC-E	5/4/2011	Sodium	13	mg/L
SW	LAC-F	5/4/2011	Vanadium	<0.05	mg/L
SW	LAC-E	5/4/2011	Zinc	<0.01	mg/L

SURFACE WATER ANALYSIS DATA

SW	LAC-E	5/4/2011	Antimony	<0.001	mg/L
SW	LAC-E	5/4/2011	Arsenic	<0.001	mg/L
SW	LAC-E	5/4/2011	Selenium	<0.001	mg/L
SW	LAC-F	5/4/2011	Thallium	<0.001	mg/L
SW	LAC-E	5/4/2011	Uranium	<0.001	mg/L
SW	LAC-E	5/4/2011	Mercury	<0.0002	mg/L
SW	LAC-E	5/4/2011	Cyanide	<0.01	mg/L
SW	SWQ-2	5/4/2011	Cyanide	<0.01	mg/L
SW	SWQ-3	5/4/2011	Cyanide	<0.01	mg/L

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APPENDIX D

GROUNDWATER ANALYSIS DATA

APPENDIX D

GROUNDWATER ANALYSIS DATA

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APPENDIX D: GROUNDWATER ANALYSIS DATA

GROUNDWATER ANALYSIS DATA

SampType	ClientSampID	CollectionDate	Analyte	Result	Units
GW	GWQ94-14	1/2/1930	Aluminum	<0.05	mg/L
GW	GWQ94-14	1/2/1930	Arsenic	<0.005	mg/L
GW	GWQ94-14	1/2/1930	Barium	<0.1	mg/L
GW	GWQ94-14	1/2/1930	Boron	<0.1	mg/L
GW	GWQ94-14	1/2/1930	Cadmium	<0.0005	mg/L
GW	GWQ94-14	1/2/1930	Chloride	22	mg/L
GW	GWQ94-14	1/2/1930	Chromium	<0.025	mg/L
GW	GWQ94-14	1/2/1930	Cobalt	<0.05	mg/L
GW	GWQ94-14	1/2/1930	Copper	<0.025	mg/L
GW	GWQ94-14	1/2/1930	Fluoride	0.52	mg/L
GW	GWQ94-14	1/2/1930	Iron	<0.05	mg/L
GW	GWQ94-14	1/2/1930	Lead	<0.005	mg/L
GW	GWQ94-14	1/2/1930	Manganese	<0.03	mg/L
GW	GWQ94-14	1/2/1930	Mercury	<0.001	mg/L
GW	GWQ94-14	1/2/1930	Molybdenum	<0.05	mg/L
GW	GWQ94-14	1/2/1930	Nickel	<0.05	mg/L
GW	GWQ94-14	1/2/1930	Nitrate as N (NO3)	1.3	mg/L
GW	GWQ94-14	1/2/1930	Selenium	<0.005	mg/L
GW	GWQ94-14	1/2/1930	Silver	<0.025	mg/L
GW	GWQ94-14	1/2/1930	Sulfate	140	mg/L
GW	GWQ94-14	1/2/1930	TDS	560	mg/L
GW	GWQ94-14	1/2/1930	Zinc	<0.05	mg/L
GW	GWQ94-14	1/2/1930	pH	7.95	pH units
GW	GWQ94-14	1/2/1930	Conductivity	745	umhos/cm
GW	GWQ94-14	1/2/1930	Antimony	<0.005	mg/L
GW	GWQ94-14	1/2/1930	Beryllium	<0.002	mg/L
GW	GWQ94-14	1/2/1930	Calcium	81	mg/L
GW	GWQ94-14	1/2/1930	Magnesium	23	mg/L
GW	GWQ94-14	1/2/1930	Thallium	<0.005	mg/L
GW	GWQ94-14	1/2/1930	Sodium	48	mg/L
GW	GWQ94-14	1/2/1930	Bicarbonate	279	mg/L CaCO3
GW	GWQ94-14	1/2/1930	Carbonate	0	mg/L CaCO3
GW	GWQ94-14	1/2/1930	Potassium	1.9	mg/L
GW	Pague	8/20/1946	Chloride	26	mg/L
GW	Pague	8/20/1946	Fluoride	1.2	mg/L
GW	Pague	8/20/1946	Nitrate as N (NO3)	1.2	mg/L
GW	Pague	8/20/1946	Sulfate	80	mg/L
GW	Pague	8/20/1946	TDS	346	mg/L
GW	Pague	8/20/1946	Conductivity	409	umhos/cm
GW	Pague	8/20/1946	Calcium	63	mg/L
GW	Pague	8/20/1946	Magnesium	21	mg/L
GW	Pague	8/20/1946	Bicarbonate	242	mg/L CaCO3
GW	MW-1	1/1/1975	Chloride	10	mg/L
GW	MW-1	1/1/1975	Fluoride	0.7	mg/L
GW	MW-1	1/1/1975	Nitrate as N (NO3)	6.1	mg/L
GW	MW-1	1/1/1975	Sulfate	73	mg/L
GW	MW-1	1/1/1975	TDS	433	mg/L
GW	MW-1	1/1/1975	pH	8.1	pH units
GW	MW-1	1/1/1975	Conductivity	480	umhos/cm
GW	MW-1	1/1/1975	Calcium	28	mg/L
GW	MW-1	1/1/1975	Magnesium	1	mg/L
GW	MW-1	1/1/1975	Sodium	95	mg/L
GW	MW-1	1/1/1975	Bicarbonate	215	mg/L CaCO3
GW	MW-1	1/1/1975	Carbonate	0	mg/L CaCO3
GW	MW-1	1/1/1975	Potassium	10.6	mg/L
GW	MW-6	1/1/1975	Chloride	66	mg/L
GW	MW-6	1/1/1975	Fluoride	3.4	mg/L
GW	MW-6	1/1/1975	Nitrate as N (NO3)	4.3	mg/L
GW	MW-6	1/1/1975	Sulfate	38	mg/L
GW	MW-6	1/1/1975	TDS	260	mg/L
GW	MW-6	1/1/1975	pH	7.6	pH units
GW	MW-6	1/1/1975	Conductivity	520	umhos/cm
GW	MW-6	1/1/1975	Calcium	19	mg/L
GW	MW-6	1/1/1975	Magnesium	1	mg/L
GW	MW-6	1/1/1975	Sodium	90	mg/L
GW	MW-6	1/1/1975	Bicarbonate	146	mg/L CaCO3
GW	MW-6	1/1/1975	Carbonate	0	mg/L CaCO3
GW	MW-6	1/1/1975	Potassium	7.3	mg/L
GW	MW-8	1/1/1975	Chloride	10	mg/L
GW	MW-8	1/1/1975	Fluoride	0.86	mg/L
GW	MW-8	1/1/1975	Nitrate as N (NO3)	15.4	mg/L
GW	MW-8	1/1/1975	Sulfate	21	mg/L
GW	MW-8	1/1/1975	TDS	293	mg/L
GW	MW-8	1/1/1975	pH	7.7	pH units

GROUNDWATER ANALYSIS DATA

GW	MW-8	1/1/1975	Conductivity	440	umhos/cm
GW	MW-8	1/1/1975	Calcium	34	mg/L
GW	MW-8	1/1/1975	Magnesium	10	mg/L
GW	MW-8	1/1/1975	Sodium	45	mg/L
GW	MW-8	1/1/1975	Bicarbonate	222	mg/L CaCO3
GW	MW-8	1/1/1975	Carbonate	0	mg/L CaCO3
GW	MW-8	1/1/1975	Potassium	6.2	mg/L
GW	MW-2	5/7/1975	Chloride	8	mg/L
GW	MW-2	5/7/1975	Fluoride	2.3	mg/L
GW	MW-2	5/7/1975	Sulfate	40	mg/L
GW	MW-2	5/7/1975	TDS	327	mg/L
GW	MW-2	5/7/1975	pH	7.9	pH units
GW	MW-2	5/7/1975	Conductivity	400	umhos/cm
GW	MW-2	5/7/1975	Calcium	9	mg/L
GW	MW-2	5/7/1975	Magnesium	0	mg/L
GW	MW-2	5/7/1975	Sodium	89	mg/L
GW	MW-2	5/7/1975	Bicarbonate	208	mg/L CaCO3
GW	MW-2	5/7/1975	Carbonate	0	mg/L CaCO3
GW	MW-2	5/7/1975	Potassium	5.3	mg/L
GW	MW-4	6/13/1975	Chloride	15	mg/L
GW	MW-4	6/13/1975	Fluoride	0.65	mg/L
GW	MW-4	6/13/1975	Sulfate	110	mg/L
GW	MW-4	6/13/1975	pH	7.9	pH units
GW	MW-4	6/13/1975	Conductivity	620	umhos/cm
GW	MW-4	6/13/1975	Calcium	46	mg/L
GW	MW-4	6/13/1975	Magnesium	10	mg/L
GW	MW-4	6/13/1975	Sodium	73	mg/L
GW	MW-4	6/13/1975	Bicarbonate	226	mg/L CaCO3
GW	MW-4	6/13/1975	Carbonate	0	mg/L CaCO3
GW	MW-4	6/13/1975	Potassium	4.4	mg/L
GW	MW-5	9/19/1975	Chloride	30	mg/L
GW	MW-5	9/19/1975	Fluoride	0.61	mg/L
GW	MW-5	9/19/1975	Nitrate as N (NO3)	<0.5	mg/L
GW	MW-5	9/19/1975	Sulfate	26	mg/L
GW	MW-5	9/19/1975	TDS	280	mg/L
GW	MW-5	9/19/1975	pH	7.7	pH units
GW	MW-5	9/19/1975	Conductivity	390	umhos/cm
GW	MW-5	9/19/1975	Calcium	26	mg/L
GW	MW-5	9/19/1975	Magnesium	3	mg/L
GW	MW-5	9/19/1975	Sodium	54	mg/L
GW	MW-5	9/19/1975	Bicarbonate	157	mg/L CaCO3
GW	MW-5	9/19/1975	Carbonate	0	mg/L CaCO3
GW	MW-5	9/19/1975	Potassium	4.1	mg/L
GW	PW-1	12/23/1975	Chloride	16	mg/L
GW	PW-1	12/23/1975	Fluoride	0.46	mg/L
GW	PW-1	12/23/1975	Nitrate as N (NO3)	3.5	mg/L
GW	PW-1	12/23/1975	Sulfate	10	mg/L
GW	PW-1	12/23/1975	TDS	217	mg/L
GW	PW-1	12/23/1975	pH	7.8	pH units
GW	PW-1	12/23/1975	Conductivity	340	umhos/cm
GW	PW-1	12/23/1975	Calcium	22	mg/L
GW	PW-1	12/23/1975	Magnesium	3	mg/L
GW	PW-1	12/23/1975	Sodium	38	mg/L
GW	PW-1	12/23/1975	Bicarbonate	145	mg/L CaCO3
GW	PW-1	12/23/1975	Carbonate	0	mg/L CaCO3
GW	PW-1	12/23/1975	Potassium	4.5	mg/L
GW	PW-2	1/15/1976	Chloride	17	mg/L
GW	PW-2	1/15/1976	Fluoride	0.66	mg/L
GW	PW-2	1/15/1976	Nitrate as N (NO3)	3.5	mg/L
GW	PW-2	1/15/1976	Sulfate	<5	mg/L
GW	PW-2	1/15/1976	TDS	257	mg/L
GW	PW-2	1/15/1976	pH	8.1	pH units
GW	PW-2	1/15/1976	Conductivity	310	umhos/cm
GW	PW-2	1/15/1976	Calcium	21	mg/L
GW	PW-2	1/15/1976	Magnesium	3	mg/L
GW	PW-2	1/15/1976	Sodium	39	mg/L
GW	PW-2	1/15/1976	Bicarbonate	153	mg/L CaCO3
GW	PW-2	1/15/1976	Carbonate	0	mg/L CaCO3
GW	PW-2	1/15/1976	Potassium	4.3	mg/L
GW	PW-3	1/27/1976	Chloride	24	mg/L
GW	PW-3	1/27/1976	Fluoride	0.64	mg/L
GW	PW-3	1/27/1976	Nitrate as N (NO3)	2.6	mg/L
GW	PW-3	1/27/1976	Sulfate	<5	mg/L
GW	PW-3	1/27/1976	TDS	243	mg/L
GW	PW-3	1/27/1976	pH	8	pH units
GW	PW-3	1/27/1976	Conductivity	330	umhos/cm

GROUNDWATER ANALYSIS DATA

GW	PW-3	1/27/1976	Calcium	23	mg/L
GW	PW-3	1/27/1976	Magnesium	3	mg/L
GW	PW-3	1/27/1976	Sodium	44	mg/L
GW	PW-3	1/27/1976	Bicarbonate	156	mg/L CaCO3
GW	PW-3	1/27/1976	Carbonate	0	mg/L CaCO3
GW	PW-3	1/27/1976	Potassium	5.1	mg/L
GW	15 6.31.431	6/4/1976	Boron	<0.1	mg/L
GW	15 6.31.431	6/4/1976	Chloride	14.3	mg/L
GW	15 6.31.431	6/4/1976	Fluoride	0.52	mg/L
GW	15 6.31.431	6/4/1976	Iron	0.002	mg/L
GW	15 6.31.431	6/4/1976	Manganese	0.003	mg/L
GW	15 6.31.431	6/4/1976	Nitrate as N (NO3)	1.39	mg/L
GW	15 6.31.431	6/4/1976	Sulfate	137	mg/L
GW	15 6.31.431	6/4/1976	TDS	520	mg/L
GW	15 6.31.431	6/4/1976	pH	7.76	pH units
GW	15 6.31.431	6/4/1976	Conductivity	720	umhos/cm
GW	15 6.31.431	6/4/1976	Calcium	117	mg/L
GW	15 6.31.431	6/4/1976	Magnesium	25.6	mg/L
GW	15 6.31.431	6/4/1976	Sodium	50.4	mg/L
GW	15 6.31.431	6/4/1976	Bicarbonate	228	mg/L CaCO3
GW	15 6.31.431	6/4/1976	Potassium	1.76	mg/L
GW	GWQ-8	6/4/1976	Boron	<0.1	mg/L
GW	GWQ-8	6/4/1976	Chloride	16.7	mg/L
GW	GWQ-8	6/4/1976	Fluoride	0.51	mg/L
GW	GWQ-8	6/4/1976	Iron	0.002	mg/L
GW	GWQ-8	6/4/1976	Manganese	0.003	mg/L
GW	GWQ-8	6/4/1976	Nitrate as N (NO3)	16.6	mg/L
GW	GWQ-8	6/4/1976	Sulfate	114	mg/L
GW	GWQ-8	6/4/1976	TDS	560	mg/L
GW	GWQ-8	6/4/1976	pH	7.46	pH units
GW	GWQ-8	6/4/1976	Conductivity	780	umhos/cm
GW	GWQ-8	6/4/1976	Calcium	122	mg/L
GW	GWQ-8	6/4/1976	Magnesium	15.5	mg/L
GW	GWQ-8	6/4/1976	Sodium	76.1	mg/L
GW	GWQ-8	6/4/1976	Bicarbonate	241	mg/L CaCO3
GW	GWQ-8	6/4/1976	Potassium	1.72	mg/L
GW	GWQ-9	6/4/1976	Boron	<0.1	mg/L
GW	GWQ-9	6/4/1976	Chloride	19.9	mg/L
GW	GWQ-9	6/4/1976	Fluoride	0.44	mg/L
GW	GWQ-9	6/4/1976	Iron	0.004	mg/L
GW	GWQ-9	6/4/1976	Manganese	0.001	mg/L
GW	GWQ-9	6/4/1976	Nitrate as N (NO3)	4	mg/L
GW	GWQ-9	6/4/1976	Sulfate	34	mg/L
GW	GWQ-9	6/4/1976	TDS	350	mg/L
GW	GWQ-9	6/4/1976	pH	8.6	pH units
GW	GWQ-9	6/4/1976	Conductivity	460	umhos/cm
GW	GWQ-9	6/4/1976	Calcium	69.2	mg/L
GW	GWQ-9	6/4/1976	Magnesium	15.2	mg/L
GW	GWQ-9	6/4/1976	Sodium	30	mg/L
GW	GWQ-9	6/4/1976	Bicarbonate	166	mg/L CaCO3
GW	GWQ-9	6/4/1976	Potassium	1.56	mg/L
GW	SHB-27	9/22/1976	Arsenic	<0.01	mg/L
GW	SHB-27	9/22/1976	Boron	<0.1	mg/L
GW	SHB-27	9/22/1976	Cadmium	<0.001	mg/L
GW	SHB-27	9/22/1976	Chloride	20.6	mg/L
GW	SHB-27	9/22/1976	Chromium	0.002	mg/L
GW	SHB-27	9/22/1976	Cobalt	<0.001	mg/L
GW	SHB-27	9/22/1976	Copper	0.002	mg/L
GW	SHB-27	9/22/1976	Fluoride	0.77	mg/L
GW	SHB-27	9/22/1976	Iron	0.007	mg/L
GW	SHB-27	9/22/1976	Lead	<0.001	mg/L
GW	SHB-27	9/22/1976	Manganese	0.059	mg/L
GW	SHB-27	9/22/1976	Mercury	<0.0004	mg/L
GW	SHB-27	9/22/1976	Molybdenum	0.002	mg/L
GW	SHB-27	9/22/1976	Nitrate as N (NO3)	0.8	mg/L
GW	SHB-27	9/22/1976	Selenium	<0.01	mg/L
GW	SHB-27	9/22/1976	Silver	<0.001	mg/L
GW	SHB-27	9/22/1976	Sulfate	233	mg/L
GW	SHB-27	9/22/1976	TDS	434	mg/L
GW	SHB-27	9/22/1976	Zinc	0.004	mg/L
GW	SHB-27	9/22/1976	pH	7.61	pH units
GW	SHB-27	9/22/1976	Conductivity	720	umhos/cm
GW	SHB-27	9/22/1976	Calcium	5.86	mg/L
GW	SHB-27	9/22/1976	Magnesium	21.4	mg/L
GW	SHB-27	9/22/1976	Sodium	51.1	mg/L
GW	SHB-27	9/22/1976	Bicarbonate	205	mg/L CaCO3

GROUNDWATER ANALYSIS DATA

GW	SHB-27	9/22/1976	Potassium	5.86	mg/L
GW	SHB-28	9/22/1976	Boron	<0.1	mg/L
GW	SHB-28	9/22/1976	Cadmium	<0.001	mg/L
GW	SHB-29	9/22/1976	Chloride	51.2	mg/L
GW	SHB-28	9/22/1976	Chromium	0.002	mg/L
GW	SHB-28	9/22/1976	Cobalt	<0.001	mg/L
GW	SHB-29	9/22/1976	Copper	0.005	mg/L
GW	SHB-28	9/22/1976	Fluoride	0.97	mg/L
GW	SHB-28	9/22/1976	Iron	0.015	mg/L
GW	SHB-28	9/22/1976	Lead	<0.001	mg/L
GW	SHB-29	9/22/1976	Manganese	0.42	mg/L
GW	SHB-29	9/22/1976	Mercury	<0.0004	mg/L
GW	SHB-28	9/22/1976	Molybdenum	0.005	mg/L
GW	SHB-29	9/22/1976	Nitrate as N (NO3)	<0.1	mg/L
GW	SHB-29	9/22/1976	Selenium	<0.01	mg/L
GW	SHB-28	9/22/1976	Silver	<0.001	mg/L
GW	SHB-29	9/22/1976	Sulfate	353	mg/L
GW	SHB-29	9/22/1976	TDS	840	mg/L
GW	SHB-28	9/22/1976	Zinc	0.016	mg/L
GW	SHB-29	9/22/1976	pH	7.56	pH units
GW	SHB-28	9/22/1976	Conductivity	1260	umhos/cm
GW	SHB-29	9/22/1976	Calcium	183	mg/L
GW	SHB-28	9/22/1976	Magnesium	32	mg/L
GW	SHB-28	9/22/1976	Sodium	81.7	mg/L
GW	SHB-29	9/22/1976	Bicarbonate	264	mg/L CaCO3
GW	SHB-28	9/22/1976	Potassium	11.5	mg/L
GW	SHB-29	9/22/1976	Boron	0.1	mg/L
GW	SHB-29	9/22/1976	Cadmium	0.001	mg/L
GW	SHB-29	9/22/1976	Chromium	0.004	mg/L
GW	SHB-29	9/22/1976	Cobalt	0.001	mg/L
GW	SHB-29	9/22/1976	Copper	0.002	mg/L
GW	SHB-29	9/22/1976	Iron	0.52	mg/L
GW	SHB-29	9/22/1976	Lead	0.002	mg/L
GW	SHB-29	9/22/1976	Manganese	0.049	mg/L
GW	SHB-29	9/22/1976	Mercury	<0.0004	mg/L
GW	SHB-29	9/22/1976	Molybdenum	0.003	mg/L
GW	SHB-29	9/22/1976	Nitrate as N (NO3)	<0.1	mg/L
GW	SHB-29	9/22/1976	Selenium	<0.01	mg/L
GW	SHB-29	9/22/1976	Silver	<0.001	mg/L
GW	SHB-29	9/22/1976	TDS	364	mg/L
GW	SHB-29	9/22/1976	Zinc	0.16	mg/L
GW	SHB-29	9/22/1976	pH	7.95	pH units
GW	SHB-29	9/22/1976	Conductivity	640	umhos/cm
GW	SHB-29	9/22/1976	Calcium	65.1	mg/L
GW	SHB-29	9/22/1976	Magnesium	14.5	mg/L
GW	SHB-29	9/22/1976	Sodium	60.3	mg/L
GW	SHB-29	9/22/1976	Potassium	5.02	mg/L
GW	SHB-30	9/22/1976	Arsenic	0.02	mg/L
GW	SHB-30	9/22/1976	Boron	<0.1	mg/L
GW	SHB-30	9/22/1976	Cadmium	<0.001	mg/L
GW	SHB-30	9/22/1976	Chloride	21	mg/L
GW	SHB-30	9/22/1976	Chromium	0.004	mg/L
GW	SHB-30	9/22/1976	Cobalt	<0.001	mg/L
GW	SHB-30	9/22/1976	Copper	0.002	mg/L
GW	SHB-30	9/22/1976	Fluoride	0.79	mg/L
GW	SHB-30	9/22/1976	Iron	0.009	mg/L
GW	SHB-30	9/22/1976	Lead	<0.001	mg/L
GW	SHB-30	9/22/1976	Manganese	0.056	mg/L
GW	SHB-30	9/22/1976	Mercury	<0.0004	mg/L
GW	SHB-30	9/22/1976	Molybdenum	0.002	mg/L
GW	SHB-30	9/22/1976	Nitrate as N (NO3)	0.7	mg/L
GW	SHB-30	9/22/1976	Selenium	<0.01	mg/L
GW	SHB-30	9/22/1976	Silver	<0.001	mg/L
GW	SHB-30	9/22/1976	Sulfate	145	mg/L
GW	SHB-30	9/22/1976	TDS	486	mg/L
GW	SHB-30	9/22/1976	Zinc	0.004	mg/L
GW	SHB-30	9/22/1976	pH	7.77	pH units
GW	SHB-30	9/22/1976	Conductivity	720	umhos/cm
GW	SHB-30	9/22/1976	Calcium	84.6	mg/L
GW	SHB-30	9/22/1976	Magnesium	21.5	mg/L
GW	SHB-30	9/22/1976	Sodium	50.6	mg/L
GW	SHB-30	9/22/1976	Bicarbonate	211	mg/L CaCO3
GW	SHB-30	9/22/1976	Potassium	4.86	mg/L
GW	SHB-34	9/22/1976	Boron	<0.1	mg/L
GW	SHB-34	9/22/1976	Cadmium	0.001	mg/L
GW	SHB-34	9/22/1976	Chloride	<1	mg/L

GROUNDWATER ANALYSIS DATA

GW	SHB-34	9/22/1976	Chromium	0.002	mg/L
GW	SHB-34	9/22/1976	Cobalt	<0.001	mg/L
GW	SHB-34	9/22/1976	Copper	0.002	mg/L
GW	SHB-34	9/22/1976	Fluoride	0.14	mg/L
GW	SHB-34	9/22/1976	Iron	0.009	mg/L
GW	SHB-34	9/22/1976	Lead	0.001	mg/L
GW	SHB-34	9/22/1976	Manganese	0.004	mg/L
GW	SHB-34	9/22/1976	Mercury	<0.0004	mg/L
GW	SHB-34	9/22/1976	Molybdenum	<0.001	mg/L
GW	SHB-34	9/22/1976	Nitrate as N (NO3)	<0.1	mg/L
GW	SHB-34	9/22/1976	Selenium	<0.01	mg/L
GW	SHB-34	9/22/1976	Silver	<0.001	mg/L
GW	SHB-34	9/22/1976	Sulfate	<1	mg/L
GW	SHB-34	9/22/1976	TDS	50	mg/L
GW	SHB-34	9/22/1976	Zinc	0.014	mg/L
GW	SHB-34	9/22/1976	pH	7.36	pH units
GW	SHB-34	9/22/1976	Conductivity	41	umhos/cm
GW	SHB-34	9/22/1976	Calcium	3.67	mg/L
GW	SHB-34	9/22/1976	Magnesium	0.52	mg/L
GW	SHB-34	9/22/1976	Sodium	2.55	mg/L
GW	SHB-34	9/22/1976	Bicarbonate	12	mg/L CaCO3
GW	SHB-34	9/22/1976	Potassium	0.63	mg/L
GW	GWQ-1	1/20/1981	Chloride	200	mg/L
GW	GWQ-1	1/20/1981	Iron	0.05	mg/L
GW	GWQ-1	1/20/1981	Sulfate	250	mg/L
GW	GWQ-1	1/20/1981	TDS	450	mg/L
GW	GWQ-1	1/20/1981	pH	7.3	pH units
GW	GWQ-1	1/20/1981	Calcium	84	mg/L
GW	GWQ-1	1/20/1981	Magnesium	14.6	mg/L
GW	GWQ-1	1/20/1981	Sodium	632	mg/L
GW	GWQ-1	1/20/1981	Bicarbonate	280.6	mg/L CaCO3
GW	GWQ-1	1/20/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-7	1/20/1981	Chloride	200	mg/L
GW	GWQ-7	1/20/1981	Iron	0.05	mg/L
GW	GWQ-7	1/20/1981	Sulfate	350	mg/L
GW	GWQ-7	1/20/1981	TDS	500	mg/L
GW	GWQ-7	1/20/1981	pH	7.2	pH units
GW	GWQ-7	1/20/1981	Calcium	96	mg/L
GW	GWQ-7	1/20/1981	Magnesium	14.6	mg/L
GW	GWQ-7	1/20/1981	Sodium	781	mg/L
GW	GWQ-7	1/20/1981	Bicarbonate	341.6	mg/L CaCO3
GW	GWQ-7	1/20/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-9	1/20/1981	Chloride	200	mg/L
GW	GWQ-9	1/20/1981	Iron	0.05	mg/L
GW	GWQ-9	1/20/1981	Sulfate	300	mg/L
GW	GWQ-9	1/20/1981	TDS	450	mg/L
GW	GWQ-9	1/20/1981	pH	7.4	pH units
GW	GWQ-9	1/20/1981	Calcium	92	mg/L
GW	GWQ-9	1/20/1981	Magnesium	9.7	mg/L
GW	GWQ-9	1/20/1981	Sodium	703	mg/L
GW	GWQ-9	1/20/1981	Bicarbonate	305	mg/L CaCO3
GW	GWQ-9	1/20/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-1	2/2/1981	Chloride	20	mg/L
GW	GWQ-1	2/2/1981	Iron	1.7	mg/L
GW	GWQ-1	2/2/1981	Sulfate	156	mg/L
GW	GWQ-1	2/2/1981	TDS	520	mg/L
GW	GWQ-1	2/2/1981	pH	7.9	pH units
GW	GWQ-1	2/2/1981	Calcium	74	mg/L
GW	GWQ-1	2/2/1981	Magnesium	20	mg/L
GW	GWQ-1	2/2/1981	Sodium	60	mg/L
GW	GWQ-1	2/2/1981	Bicarbonate	276	mg/L CaCO3
GW	GWQ-1	2/2/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-7	2/2/1981	Chloride	20	mg/L
GW	GWQ-7	2/2/1981	Iron	3.8	mg/L
GW	GWQ-7	2/2/1981	Sulfate	156	mg/L
GW	GWQ-7	2/2/1981	TDS	530	mg/L
GW	GWQ-7	2/2/1981	pH	7.9	pH units
GW	GWQ-7	2/2/1981	Calcium	74	mg/L
GW	GWQ-7	2/2/1981	Magnesium	27	mg/L
GW	GWQ-7	2/2/1981	Sodium	51	mg/L
GW	GWQ-7	2/2/1981	Bicarbonate	276	mg/L CaCO3
GW	GWQ-7	2/2/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-8	2/2/1981	Chloride	20	mg/L
GW	GWQ-8	2/2/1981	Iron	1.7	mg/L
GW	GWQ-8	2/2/1981	Nitrate as N (NO3)	60	mg/L
GW	GWQ-8	2/2/1981	Sulfate	156	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-8	2/2/1981	TDS	520	mg/L
GW	GWQ-8	2/2/1981	pH	7.9	pH units
GW	GWQ-8	2/2/1981	Calcium	74	mg/L
GW	GWQ-8	2/2/1981	Magnesium	20	mg/L
GW	GWQ-8	2/2/1981	Bicarbonate	276	mg/L CaCO ₃
GW	GWQ-9	2/2/1981	Chloride	20	mg/L
GW	GWQ-9	2/2/1981	Iron	1.8	mg/L
GW	GWQ-9	2/2/1981	Sulfate	156	mg/L
GW	GWQ-9	2/2/1981	TDS	510	mg/L
GW	GWQ-9	2/2/1981	pH	7.9	pH units
GW	GWQ-9	2/2/1981	Calcium	73	mg/L
GW	GWQ-9	2/2/1981	Magnesium	24	mg/L
GW	GWQ-9	2/2/1981	Sodium	49	mg/L
GW	GWQ-9	2/2/1981	Bicarbonate	273	mg/L CaCO ₃
GW	GWQ-9	2/2/1981	Carbonate	0	mg/L CaCO ₃
GW	GWQ-1	3/27/1981	Arsenic	<0.01	mg/L
GW	GWQ-1	3/27/1981	Copper	<0.35	mg/L
GW	GWQ-1	3/27/1981	Cyanide	<0.31	mg/L
GW	GWQ-1	3/27/1981	Fluoride	0.6	mg/L
GW	GWQ-1	3/27/1981	Lead	<0.02	mg/L
GW	GWQ-1	3/27/1981	Nitrate as N (NO ₃)	5.5	mg/L
GW	GWQ-1	3/27/1981	Zinc	0.16	mg/L
GW	GWQ-3	3/27/1981	Arsenic	<0.31	mg/L
GW	GWQ-3	3/27/1981	Copper	<0.05	mg/L
GW	GWQ-3	3/27/1981	Cyanide	<0.31	mg/L
GW	GWQ-3	3/27/1981	Fluoride	0.6	mg/L
GW	GWQ-3	3/27/1981	Lead	<0.02	mg/L
GW	GWQ-3	3/27/1981	Nitrate as N (NO ₃)	5.5	mg/L
GW	GWQ-3	3/27/1981	Zinc	0.16	mg/L
GW	GWQ-7	3/27/1981	Arsenic	<0.01	mg/L
GW	GWQ-7	3/27/1981	Copper	<0.35	mg/L
GW	GWQ-7	3/27/1981	Cyanide	<0.31	mg/L
GW	GWQ-7	3/27/1981	Fluoride	0.6	mg/L
GW	GWQ-7	3/27/1981	Lead	<0.32	mg/L
GW	GWQ-7	3/27/1981	Nitrate as N (NO ₃)	1.4	mg/L
GW	GWQ-7	3/27/1981	Zinc	0.26	mg/L
GW	GWQ-9	3/27/1981	Arsenic	<0.01	mg/L
GW	GWQ-9	3/27/1981	Copper	<0.35	mg/L
GW	GWQ-9	3/27/1981	Cyanide	<0.31	mg/L
GW	GWQ-9	3/27/1981	Fluoride	0.6	mg/L
GW	GWQ-9	3/27/1981	Lead	<0.32	mg/L
GW	GWQ-9	3/27/1981	Nitrate as N (NO ₃)	1.4	mg/L
GW	GWQ-9	3/27/1981	Zinc	0.16	mg/L
GW	GWQ-1C	4/6/1981	Arsenic	0.002	mg/L
GW	GWQ-1C	4/6/1981	Cadmium	<0.01	mg/L
GW	GWQ-1C	4/6/1981	Copper	<0.35	mg/L
GW	GWQ-1C	4/6/1981	Cyanide	0.02	mg/L
GW	GWQ-1C	4/6/1981	Fluoride	0.53	mg/L
GW	GWQ-1C	4/6/1981	Lead	<0.31	mg/L
GW	GWQ-1C	4/6/1981	Mercury	<1	mg/L
GW	GWQ-1C	4/6/1981	Nitrate as N (NO ₃)	4.6	mg/L
GW	GWQ-1C	4/6/1981	Zinc	0.12	mg/L
GW	GWQ-1C	4/6/1981	Potassium	8.25	mg/L
GW	GWQ-7	4/6/1981	Arsenic	0.003	mg/L
GW	GWQ-7	4/6/1981	Copper	<0.35	mg/L
GW	GWQ-7	4/6/1981	Cyanide	0.36	mg/L
GW	GWQ-7	4/6/1981	Fluoride	0.59	mg/L
GW	GWQ-7	4/6/1981	Lead	<0.01	mg/L
GW	GWQ-7	4/6/1981	Nitrate as N (NO ₃)	0.9	mg/L
GW	GWQ-7	4/6/1981	Zinc	0.24	mg/L
GW	GWQ-9	4/6/1981	Arsenic	0.002	mg/L
GW	GWQ-9	4/6/1981	Copper	<0.35	mg/L
GW	GWQ-9	4/6/1981	Cyanide	0.15	mg/L
GW	GWQ-9	4/6/1981	Fluoride	0.58	mg/L
GW	GWQ-9	4/6/1981	Lead	<0.31	mg/L
GW	GWQ-9	4/6/1981	Nitrate as N (NO ₃)	1.2	mg/L
GW	GWQ-9	4/6/1981	Zinc	0.13	mg/L
GW	15 6.31.431	4/9/1981	Aluminum	<0.1	mg/L
GW	15 6.31.431	4/9/1981	Arsenic	<0.005	mg/L
GW	15 6.31.431	4/9/1981	Barium	<0.1	mg/L
GW	15 6.31.431	4/9/1981	Boron	0.025	mg/L
GW	15 6.31.431	4/9/1981	Cadmium	<0.001	mg/L
GW	15 6.31.431	4/9/1981	Chloride	22	mg/L
GW	15 6.31.431	4/9/1981	Chromium	<0.005	mg/L
GW	15 6.31.431	4/9/1981	Copper	0.7	mg/L
GW	15 6.31.431	4/9/1981	Fluoride	0.55	mg/L

GROUNDWATER ANALYSIS DATA

GW	15 6.31.431	4/9/1981	Iron	<0.25	mg/L
GW	15 6.31.431	4/9/1981	Lead	<0.005	mg/L
GW	15 6.31.431	4/9/1981	Manganese	<0.05	mg/L
GW	15 6.31.431	4/9/1981	Molybdenum	<0.005	mg/L
GW	15 6.31.431	4/9/1981	Nickel	<0.01	mg/L
GW	15 6.31.431	4/9/1981	Nitrate as N (NO3)	1.14	mg/L
GW	15 6.31.431	4/9/1981	Selenium	<0.005	mg/L
GW	15 6.31.431	4/9/1981	Sulfate	144.5	mg/L
GW	15 6.31.431	4/9/1981	Zinc	0.14	mg/L
GW	15 6.31.431	4/9/1981	Bicarbonate	285.7	mg/L CaCO3
GW	GWQ-1	8/11/1981	Aluminum	<0.05	mg/L
GW	GWQ-1	8/11/1981	Arsenic	<0.005	mg/L
GW	GWQ-1	8/11/1981	Barium	<0.1	mg/L
GW	GWQ-1	8/11/1981	Boron	<0.1	mg/L
GW	GWQ-1	8/11/1981	Cadmium	<0.0005	mg/L
GW	GWQ-1	8/11/1981	Chromium	<0.025	mg/L
GW	GWQ-1	8/11/1981	Cobalt	<0.05	mg/L
GW	GWQ-1	8/11/1981	Copper	<0.025	mg/L
GW	GWQ-1	8/11/1981	Iron	<0.05	mg/L
GW	GWQ-1	8/11/1981	Lead	<0.005	mg/L
GW	GWQ-1	8/11/1981	Manganese	<0.03	mg/L
GW	GWQ-1	8/11/1981	Mercury	<0.001	mg/L
GW	GWQ-1	8/11/1981	Molybdenum	<0.05	mg/L
GW	GWQ-1	8/11/1981	Nickel	<0.05	mg/L
GW	GWQ-1	8/11/1981	Selenium	<0.005	mg/L
GW	GWQ-1	8/11/1981	Silver	<0.025	mg/L
GW	GWQ-1	8/11/1981	Zinc	<0.05	mg/L
GW	GWQ-1	8/11/1981	Antimony	<0.005	mg/L
GW	GWQ-1	8/11/1981	Beryllium	<0.002	mg/L
GW	GWQ-1	8/11/1981	Thallium	<0.005	mg/L
GW	GWQ-1	8/15/1981	Aluminum	<0.25	mg/L
GW	GWQ-1	8/15/1981	Aluminum	<0.01	mg/L
GW	GWQ-1	8/15/1981	Arsenic	<0.002	mg/L
GW	GWQ-1	8/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-1	8/15/1981	Barium	<1	mg/L
GW	GWQ-1	8/15/1981	Barium	<0.2	mg/L
GW	GWQ-1	8/15/1981	Boron	0.076	mg/L
GW	GWQ-1	8/15/1981	Boron	<0.1	mg/L
GW	GWQ-1	8/15/1981	Cadmium	<0.01	mg/L
GW	GWQ-1	8/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-1	8/15/1981	Chloride	22	mg/L
GW	GWQ-1	8/15/1981	Chloride	16	mg/L
GW	GWQ-1	8/15/1981	Chromium	<0.05	mg/L
GW	GWQ-1	8/15/1981	Chromium	<0.01	mg/L
GW	GWQ-1	8/15/1981	Cobalt	<0.05	mg/L
GW	GWQ-1	8/15/1981	Copper	<0.02	mg/L
GW	GWQ-1	8/15/1981	Copper	<0.05	mg/L
GW	GWQ-1	8/15/1981	Cyanide	<0.05	mg/L
GW	GWQ-1	8/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-1	8/15/1981	Fluoride	0.61	mg/L
GW	GWQ-1	8/15/1981	Fluoride	0.6	mg/L
GW	GWQ-1	8/15/1981	Iron	<0.05	mg/L
GW	GWQ-1	8/15/1981	Iron	<0.1	mg/L
GW	GWQ-1	8/15/1981	Lead	<0.05	mg/L
GW	GWQ-1	8/15/1981	Lead	<0.02	mg/L
GW	GWQ-1	8/15/1981	Manganese	<0.02	mg/L
GW	GWQ-1	8/15/1981	Manganese	<0.05	mg/L
GW	GWQ-1	8/15/1981	Mercury	<0.001	mg/L
GW	GWQ-1	8/15/1981	Molybdenum	<0.1	mg/L
GW	GWQ-1	8/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-1	8/15/1981	Nickel	<0.05	mg/L
GW	GWQ-1	8/15/1981	Nitrate as N (NO3)	3.75	mg/L
GW	GWQ-1	8/15/1981	Nitrate as N (NO3)	5.1	mg/L
GW	GWQ-1	8/15/1981	Selenium	<0.0022	mg/L
GW	GWQ-1	8/15/1981	Selenium	<0.005	mg/L
GW	GWQ-1	8/15/1981	Silver	<0.02	mg/L
GW	GWQ-1	8/15/1981	Sulfate	117	mg/L
GW	GWQ-1	8/15/1981	Sulfate	146	mg/L
GW	GWQ-1	8/15/1981	TDS	500	mg/L
GW	GWQ-1	8/15/1981	Zinc	0.076	mg/L
GW	GWQ-1	8/15/1981	Zinc	0.12	mg/L
GW	GWQ-1	8/15/1981	pH	7.4	pH units
GW	GWQ-1	8/15/1981	Calcium	81	mg/L
GW	GWQ-1	8/15/1981	Magnesium	12	mg/L
GW	GWQ-1	8/15/1981	Thallium	<0.005	mg/L
GW	GWQ-1	8/15/1981	Sodium	49.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-1	6/15/1981	Potassium	3.08	mg/L
GW	GWQ-1	6/15/1981	Conductivity	700	µmhos/cm
GW	GWQ-1	6/15/1981	Calcium	82	mg/L
GW	GWQ-1	6/15/1981	Magnesium	18	mg/L
GW	GWQ-1	6/15/1981	Sodium	57	mg/L
GW	GWQ-1	6/15/1981	Bicarbonate	251	mg/L CaCO3
GW	GWQ-1	6/15/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-1	6/15/1981	Potassium	2	mg/L
GW	GWQ-2	6/15/1981	Alum num	<0.01	mg/L
GW	GWQ-2	6/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-2	6/15/1981	Barium	<0.2	mg/L
GW	GWQ-2	6/15/1981	Boron	<0.1	mg/L
GW	GWQ-2	6/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-2	6/15/1981	Chloride	20	mg/L
GW	GWQ-2	6/15/1981	Chromium	<0.01	mg/L
GW	GWQ-2	6/15/1981	Cobalt	<0.1	mg/L
GW	GWQ-2	6/15/1981	Copper	<0.05	mg/L
GW	GWQ-2	6/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-2	6/15/1981	Fluoride	0.5	mg/L
GW	GWQ-2	6/15/1981	Iron	<0.1	mg/L
GW	GWQ-2	6/15/1981	Lead	<0.02	mg/L
GW	GWQ-2	6/15/1981	Manganese	<0.05	mg/L
GW	GWQ-2	6/15/1981	Mercury	0.0013	mg/L
GW	GWQ-2	6/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-2	6/15/1981	Nickel	<0.05	mg/L
GW	GWQ-2	6/15/1981	Nitrate as N (NO3)	5.6	mg/L
GW	GWQ-2	6/15/1981	Selenium	<0.005	mg/L
GW	GWQ-2	6/15/1981	Silver	<0.02	mg/L
GW	GWQ-2	6/15/1981	Sulfate	140	mg/L
GW	GWQ-2	6/15/1981	TDS	530	mg/L
GW	GWQ-2	6/15/1981	Zinc	0.16	mg/L
GW	GWQ-2	6/15/1981	pH	7.3	pH units
GW	GWQ-2	6/15/1981	Conductivity	700	µmhos/cm
GW	GWQ-2	6/15/1981	Calcium	102	mg/L
GW	GWQ-2	6/15/1981	Magnesium	18	mg/L
GW	GWQ-2	6/15/1981	Sodium	42	mg/L
GW	GWQ-2	6/15/1981	Bicarbonate	242	mg/L CaCO3
GW	GWQ-2	6/15/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-2	6/15/1981	Potassium	2.3	mg/L
GW	GWQ-3	6/15/1981	Alum num	<0.05	mg/L
GW	GWQ-3	6/15/1981	Alum num	<0.01	mg/L
GW	GWQ-3	6/15/1981	Arsenic	0.004	mg/L
GW	GWQ-3	6/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-3	6/15/1981	Barium	<1	mg/L
GW	GWQ-3	6/15/1981	Barium	<0.2	mg/L
GW	GWQ-3	6/15/1981	Boron	0.108	mg/L
GW	GWQ-3	6/15/1981	Boron	<0.1	mg/L
GW	GWQ-3	6/15/1981	Cadmium	<0.01	mg/L
GW	GWQ-3	6/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-3	6/15/1981	Chloride	40.1	mg/L
GW	GWQ-3	6/15/1981	Chloride	32	mg/L
GW	GWQ-3	6/15/1981	Chromium	<0.05	mg/L
GW	GWQ-3	6/15/1981	Chromium	<0.01	mg/L
GW	GWQ-3	6/15/1981	Cobalt	<0.05	mg/L
GW	GWQ-3	6/15/1981	Copper	<0.02	mg/L
GW	GWQ-3	6/15/1981	Copper	<0.05	mg/L
GW	GWQ-3	6/15/1981	Cyanide	<0.05	mg/L
GW	GWQ-3	6/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-3	6/15/1981	Fluoride	0.72	mg/L
GW	GWQ-3	6/15/1981	Fluoride	0.7	mg/L
GW	GWQ-3	6/15/1981	Iron	<0.05	mg/L
GW	GWQ-3	6/15/1981	Iron	<0.1	mg/L
GW	GWQ-3	6/15/1981	Lead	<0.05	mg/L
GW	GWQ-3	6/15/1981	Lead	0.073	mg/L
GW	GWQ-3	6/15/1981	Manganese	0.02	mg/L
GW	GWQ-3	6/15/1981	Manganese	<0.05	mg/L
GW	GWQ-3	6/15/1981	Mercury	<0.001	mg/L
GW	GWQ-3	6/15/1981	Molybdenum	<0.1	mg/L
GW	GWQ-3	6/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-3	6/15/1981	Nickel	<0.05	mg/L
GW	GWQ-3	6/15/1981	Nitrate as N (NO3)	0.25	mg/L
GW	GWQ-3	6/15/1981	Nitrate as N (NO3)	0.1	mg/L
GW	GWQ-3	6/15/1981	Selenium	0.0057	mg/L
GW	GWQ-3	6/15/1981	Selenium	<0.005	mg/L
GW	GWQ-3	6/15/1981	Silver	<0.02	mg/L
GW	GWQ-3	6/15/1981	Sulfate	335	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-3	6/15/1981	Sulfate	383	mg/L
GW	GWQ-3	6/15/1981	TDS	868	mg/L
GW	GWQ-3	6/15/1981	TDS	890	mg/L
GW	GWQ-3	6/15/1981	Zinc	0.081	mg/L
GW	GWQ-3	6/15/1981	Zinc	0.32	mg/L
GW	GWQ-3	6/15/1981	pH	7	pH units
GW	GWQ-3	6/15/1981	Calcium	138	mg/L
GW	GWQ-3	6/15/1981	Magnesium	25.8	mg/L
GW	GWQ-3	6/15/1981	Sodium	88	mg/L
GW	GWQ-3	6/15/1981	Bicarbonate	354	mg/L CaCO3
GW	GWQ-3	6/15/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-3	6/15/1981	Potassium	2.68	mg/L
GW	GWQ-3	6/15/1981	Conductivity	1100	umhos/cm
GW	GWQ-3	6/15/1981	Calcium	148	mg/L
GW	GWQ-3	6/15/1981	Magnesium	33	mg/L
GW	GWQ-3	6/15/1981	Sodium	95	mg/L
GW	GWQ-3	6/15/1981	Bicarbonate	327	mg/L CaCO3
GW	GWQ-3	6/15/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-3	6/15/1981	Potassium	1.7	mg/L
GW	GWQ-4	6/15/1981	Aluminum	<0.01	mg/L
GW	GWQ-4	6/15/1981	Aluminum	<0.25	mg/L
GW	GWQ-4	6/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-4	6/15/1981	Arsenic	<0.002	mg/L
GW	GWQ-4	6/15/1981	Barium	<0.2	mg/L
GW	GWQ-4	6/15/1981	Barium	<1	mg/L
GW	GWQ-4	6/15/1981	Boron	<0.1	mg/L
GW	GWQ-4	6/15/1981	Boron	0.065	mg/L
GW	GWQ-4	6/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-4	6/15/1981	Cadmium	<0.01	mg/L
GW	GWQ-4	6/15/1981	Chloride	30	mg/L
GW	GWQ-4	6/15/1981	Chloride	35.1	mg/L
GW	GWQ-4	6/15/1981	Chromium	<0.01	mg/L
GW	GWQ-4	6/15/1981	Chromium	<0.35	mg/L
GW	GWQ-4	6/15/1981	Cobalt	<0.35	mg/L
GW	GWQ-4	6/15/1981	Copper	<0.35	mg/L
GW	GWQ-4	6/15/1981	Copper	<0.32	mg/L
GW	GWQ-4	6/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-4	6/15/1981	Cyanide	<0.35	mg/L
GW	GWQ-4	6/15/1981	Fluoride	0.6	mg/L
GW	GWQ-4	6/15/1981	Fluoride	0.68	mg/L
GW	GWQ-4	6/15/1981	Iron	<0.1	mg/L
GW	GWQ-4	6/15/1981	Iron	<0.35	mg/L
GW	GWQ-4	6/15/1981	Lead	<0.32	mg/L
GW	GWQ-4	6/15/1981	Lead	<0.35	mg/L
GW	GWQ-4	6/15/1981	Manganese	<0.05	mg/L
GW	GWQ-4	6/15/1981	Manganese	<0.30	mg/L
GW	GWQ-4	6/15/1981	Mercury	<0.001	mg/L
GW	GWQ-4	6/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-4	6/15/1981	Molybdenum	<0.1	mg/L
GW	GWQ-4	6/15/1981	Nickel	<0.05	mg/L
GW	GWQ-4	6/15/1981	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ-4	6/15/1981	Nitrate as N (NO3)	0.53	mg/L
GW	GWQ-4	6/15/1981	Selenium	<0.005	mg/L
GW	GWQ-4	6/15/1981	Selenium	0.0025	mg/L
GW	GWQ-4	6/15/1981	Silver	<0.32	mg/L
GW	GWQ-4	6/15/1981	Sulfate	270	mg/L
GW	GWQ-4	6/15/1981	Sulfate	255	mg/L
GW	GWQ-4	6/15/1981	TDS	770	mg/L
GW	GWQ-4	6/15/1981	TDS	776	mg/L
GW	GWQ-4	6/15/1981	Zinc	0.056	mg/L
GW	GWQ-4	6/15/1981	Zinc	<0.025	mg/L
GW	GWQ-4	6/15/1981	pH	7.2	pH units
GW	GWQ-4	6/15/1981	Conductivity	1000	umhos/cm
GW	GWQ-4	6/15/1981	Calcium	137	mg/L
GW	GWQ-4	6/15/1981	Magnesium	27	mg/L
GW	GWQ-4	6/15/1981	Sodium	91	mg/L
GW	GWQ-4	6/15/1981	Bicarbonate	376	mg/L CaCO3
GW	GWQ-4	6/15/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-4	6/15/1981	Potassium	1.2	mg/L
GW	GWQ-4	6/15/1981	Calcium	132	mg/L
GW	GWQ-4	6/15/1981	Magnesium	18.6	mg/L
GW	GWQ-4	6/15/1981	Sodium	13.8	mg/L
GW	GWQ-4	6/15/1981	Bicarbonate	370	mg/L CaCO3
GW	GWQ-4	6/15/1981	Carbonate	<0.1	mg/L CaCO3
GW	GWQ-4	6/15/1981	Potassium	2.03	mg/L
GW	GWQ-5	6/15/1981	Aluminum	<0.01	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-5	6/15/1981	Aluminum	<0.25	mg/L
GW	GWQ-5	6/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-5	6/15/1981	Arsenic	<0.002	mg/L
GW	GWQ-5	6/15/1981	Barium	<0.2	mg/L
GW	GWQ-5	6/15/1981	Barium	<1	mg/L
GW	GWQ-5	6/15/1981	Boron	<0.1	mg/L
GW	GWQ-5	6/15/1981	Boron	0.054	mg/L
GW	GWQ-5	6/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-5	6/15/1981	Cadmium	<0.01	mg/L
GW	GWQ-5	6/15/1981	Chloride	42	mg/L
GW	GWQ-5	6/15/1981	Chloride	45	mg/L
GW	GWQ-5	6/15/1981	Chromium	<0.31	mg/L
GW	GWQ-5	6/15/1981	Chromium	<0.35	mg/L
GW	GWQ-5	6/15/1981	Cobalt	<0.35	mg/L
GW	GWQ-5	6/15/1981	Copper	<0.35	mg/L
GW	GWQ-5	6/15/1981	Copper	<0.02	mg/L
GW	GWQ-5	6/15/1981	Cyanide	<0.31	mg/L
GW	GWQ-5	6/15/1981	Cyanide	<0.35	mg/L
GW	GWQ-5	6/15/1981	Fluoride	1	mg/L
GW	GWQ-5	6/15/1981	Fluoride	1.03	mg/L
GW	GWQ-5	6/15/1981	Iron	<0.1	mg/L
GW	GWQ-5	6/15/1981	Iron	0.07	mg/L
GW	GWQ-5	6/15/1981	Lead	<0.32	mg/L
GW	GWQ-5	6/15/1981	Lead	<0.05	mg/L
GW	GWQ-5	6/15/1981	Manganese	<0.35	mg/L
GW	GWQ-5	6/15/1981	Manganese	<0.02	mg/L
GW	GWQ-5	6/15/1981	Mercury	<0.001	mg/L
GW	GWQ-5	6/15/1981	Molybdenum	<0.35	mg/L
GW	GWQ-5	6/15/1981	Molybdenum	<0.1	mg/L
GW	GWQ-5	6/15/1981	Nickel	<0.05	mg/L
GW	GWQ-5	6/15/1981	Nitrate as N (NO3)	0.6	mg/L
GW	GWQ-5	6/15/1981	Nitrate as N (NO3)	0.37	mg/L
GW	GWQ-5	6/15/1981	Selenium	<0.305	mg/L
GW	GWQ-5	6/15/1981	Selenium	0.0052	mg/L
GW	GWQ-5	6/15/1981	Silver	<0.30	mg/L
GW	GWQ-5	6/15/1981	Sulfate	575	mg/L
GW	GWQ-5	6/15/1981	Sulfate	477	mg/L
GW	GWQ-5	6/15/1981	TDS	1260	mg/L
GW	GWQ-5	6/15/1981	TDS	1070	mg/L
GW	GWQ-5	6/15/1981	Zinc	0.084	mg/L
GW	GWQ-5	6/15/1981	Zinc	<0.325	mg/L
GW	GWQ-5	6/15/1981	pH	7.3	pH units
GW	GWQ-5	6/15/1981	Conductivity	1500	µmhos/cm
GW	GWQ-5	6/15/1981	Calcium	200	mg/L
GW	GWQ-5	6/15/1981	Magnesium	49	mg/L
GW	GWQ-5	6/15/1981	Sodium	173	mg/L
GW	GWQ-5	6/15/1981	Bicarbonate	395	mg/L CaCO3
GW	GWQ-5	6/15/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-5	6/15/1981	Potassium	1.1	mg/L
GW	GWQ-5	6/15/1981	Calcium	175	mg/L
GW	GWQ-5	6/15/1981	Magnesium	35.8	mg/L
GW	GWQ-5	6/15/1981	Sodium	126	mg/L
GW	GWQ-5	6/15/1981	Bicarbonate	431	mg/L CaCO3
GW	GWQ-5	6/15/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-5	6/15/1981	Potassium	2.26	mg/L
GW	GWQ-6	6/15/1981	Aluminum	<0.25	mg/L
GW	GWQ-6	6/15/1981	Aluminum	<0.31	mg/L
GW	GWQ-6	6/15/1981	Arsenic	<0.002	mg/L
GW	GWQ-6	6/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-6	6/15/1981	Barium	<1	mg/L
GW	GWQ-6	6/15/1981	Barium	<0.2	mg/L
GW	GWQ-6	6/15/1981	Boron	0.155	mg/L
GW	GWQ-6	6/15/1981	Boron	<0.1	mg/L
GW	GWQ-6	6/15/1981	Cadmium	<0.31	mg/L
GW	GWQ-6	6/15/1981	Cadmium	<0.305	mg/L
GW	GWQ-6	6/15/1981	Chloride	32.6	mg/L
GW	GWQ-6	6/15/1981	Chloride	28	mg/L
GW	GWQ-6	6/15/1981	Chromium	<0.05	mg/L
GW	GWQ-6	6/15/1981	Chromium	<0.01	mg/L
GW	GWQ-6	6/15/1981	Cobalt	<0.35	mg/L
GW	GWQ-6	6/15/1981	Copper	<0.02	mg/L
GW	GWQ-6	6/15/1981	Copper	<0.05	mg/L
GW	GWQ-6	6/15/1981	Cyanide	<0.35	mg/L
GW	GWQ-6	6/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-6	6/15/1981	Fluoride	1.09	mg/L
GW	GWQ-6	6/15/1981	Fluoride	1.2	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-6	6/15/1981	Iron	<0.05	mg/L
GW	GWQ-6	6/15/1981	Iron	<0.1	mg/L
GW	GWQ-6	6/15/1981	Lead	<0.05	mg/L
GW	GWQ-6	6/15/1981	Lead	<0.02	mg/L
GW	GWQ-6	6/15/1981	Manganese	0.076	mg/L
GW	GWQ-6	6/15/1981	Manganese	0.11	mg/L
GW	GWQ-6	6/15/1981	Mercury	0.00235	mg/L
GW	GWQ-6	6/15/1981	Mercury	<0.001	mg/L
GW	GWQ-6	6/15/1981	Molybdenum	<0.1	mg/L
GW	GWQ-6	6/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-6	6/15/1981	Nickel	<0.05	mg/L
GW	GWQ-6	6/15/1981	Nitrate as N (NO3)	3.3	mg/L
GW	GWQ-6	6/15/1981	Nitrate as N (NO3)	3.8	mg/L
GW	GWQ-6	6/15/1981	Selenium	0.0046	mg/L
GW	GWQ-6	6/15/1981	Selenium	<0.005	mg/L
GW	GWQ-6	6/15/1981	Silver	<0.02	mg/L
GW	GWQ-6	6/15/1981	Sulfate	40.5	mg/L
GW	GWQ-6	6/15/1981	Sulfate	37	mg/L
GW	GWQ-6	6/15/1981	TDS	400	mg/L
GW	GWQ-6	6/15/1981	TDS	420	mg/L
GW	GWQ-6	6/15/1981	Zinc	<0.025	mg/L
GW	GWQ-6	6/15/1981	Zinc	<0.05	mg/L
GW	GWQ-6	6/15/1981	pH	7.3	pH units
GW	GWQ-6	6/15/1981	Calcium	68	mg/L
GW	GWQ-6	6/15/1981	Magnesium	11.1	mg/L
GW	GWQ-6	6/15/1981	Sodium	57	mg/L
GW	GWQ-6	6/15/1981	Bicarbonate	309	mg/L CaCO3
GW	GWQ-6	6/15/1981	Carbonate	<0.1	mg/L CaCO3
GW	GWQ-6	6/15/1981	Potassium	2.4	mg/L
GW	GWQ-6	6/15/1981	Conductivity	600	µmhos/cm
GW	GWQ-6	6/15/1981	Calcium	73	mg/L
GW	GWQ-6	6/15/1981	Magnesium	16	mg/L
GW	GWQ-6	6/15/1981	Sodium	61	mg/L
GW	GWQ-6	6/15/1981	Bicarbonate	317	mg/L CaCO3
GW	GWQ-6	6/15/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-6	6/15/1981	Potassium	1.6	mg/L
GW	GWQ-7	6/15/1981	Aluminum	<0.25	mg/L
GW	GWQ-7	6/15/1981	Aluminum	<0.31	mg/L
GW	GWQ-7	6/15/1981	Arsenic	<0.002	mg/L
GW	GWQ-7	6/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-7	6/15/1981	Barium	<1	mg/L
GW	GWQ-7	6/15/1981	Barium	<0.2	mg/L
GW	GWQ-7	6/15/1981	Boron	0.085	mg/L
GW	GWQ-7	6/15/1981	Boron	<0.1	mg/L
GW	GWQ-7	6/15/1981	Cadmium	<0.01	mg/L
GW	GWQ-7	6/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-7	6/15/1981	Chloride	24.5	mg/L
GW	GWQ-7	6/15/1981	Chloride	20	mg/L
GW	GWQ-7	6/15/1981	Chromium	<0.05	mg/L
GW	GWQ-7	6/15/1981	Chromium	<0.01	mg/L
GW	GWQ-7	6/15/1981	Cobalt	<0.05	mg/L
GW	GWQ-7	6/15/1981	Copper	<0.02	mg/L
GW	GWQ-7	6/15/1981	Copper	<0.05	mg/L
GW	GWQ-7	6/15/1981	Cyanide	<0.05	mg/L
GW	GWQ-7	6/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-7	6/15/1981	Fluoride	0.53	mg/L
GW	GWQ-7	6/15/1981	Fluoride	0.5	mg/L
GW	GWQ-7	6/15/1981	Iron	<0.05	mg/L
GW	GWQ-7	6/15/1981	Iron	<0.1	mg/L
GW	GWQ-7	6/15/1981	Lead	<0.05	mg/L
GW	GWQ-7	6/15/1981	Lead	<0.02	mg/L
GW	GWQ-7	6/15/1981	Manganese	<0.02	mg/L
GW	GWQ-7	6/15/1981	Manganese	<0.05	mg/L
GW	GWQ-7	6/15/1981	Mercury	<0.001	mg/L
GW	GWQ-7	6/15/1981	Molybdenum	<0.1	mg/L
GW	GWQ-7	6/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-7	6/15/1981	Nickel	<0.05	mg/L
GW	GWQ-7	6/15/1981	Nitrate as N (NO3)	0.54	mg/L
GW	GWQ-7	6/15/1981	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ-7	6/15/1981	Selenium	<0.0005	mg/L
GW	GWQ-7	6/15/1981	Selenium	<0.005	mg/L
GW	GWQ-7	6/15/1981	Silver	<0.02	mg/L
GW	GWQ-7	6/15/1981	Sulfate	110	mg/L
GW	GWQ-7	6/15/1981	Sulfate	185	mg/L
GW	GWQ-7	6/15/1981	TDS	496	mg/L
GW	GWQ-7	6/15/1981	TDS	510	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-7	6/15/1981	Zinc	0.278	mg/L
GW	GWQ-7	6/15/1981	Zinc	0.36	mg/L
GW	GWQ-7	6/15/1981	pH	7.2	pH units
GW	GWQ-7	6/15/1981	Calcium	86	mg/L
GW	GWQ-7	6/15/1981	Magnesium	15.7	mg/L
GW	GWQ-7	6/15/1981	Sodium	47.9	mg/L
GW	GWQ-7	6/15/1981	Bicarbonate	285	mg/L CaCO3
GW	GWQ-7	6/15/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-7	6/15/1981	Potassium	2.33	mg/L
GW	GWQ-7	6/15/1981	Conductivity	700	umhos/cm
GW	GWQ-7	6/15/1981	Calcium	86	mg/L
GW	GWQ-7	6/15/1981	Magnesium	24	mg/L
GW	GWQ-7	6/15/1981	Sodium	61	mg/L
GW	GWQ-7	6/15/1981	Bicarbonate	288	mg/L CaCO3
GW	GWQ-7	6/15/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-7	6/15/1981	Potassium	1.6	mg/L
GW	GWQ-2	6/25/1981	Aluminum	<0.325	mg/L
GW	GWQ-2	6/25/1981	Arsenic	<0.302	mg/L
GW	GWQ-2	6/25/1981	Barium	<1	mg/L
GW	GWQ-2	6/25/1981	Boron	0.162	mg/L
GW	GWQ-2	6/25/1981	Cadmium	<0.31	mg/L
GW	GWQ-2	6/25/1981	Chloride	24.8	mg/L
GW	GWQ-2	6/25/1981	Chromium	<0.36	mg/L
GW	GWQ-2	6/25/1981	Cobalt	<0.06	mg/L
GW	GWQ-2	6/25/1981	Copper	<0.32	mg/L
GW	GWQ-2	6/25/1981	Cyanide	<0.06	mg/L
GW	GWQ-2	6/25/1981	Fluoride	0.46	mg/L
GW	GWQ-2	6/25/1981	Iron	0.1	mg/L
GW	GWQ-2	6/25/1981	Lead	<0.06	mg/L
GW	GWQ-2	6/25/1981	Manganese	<0.02	mg/L
GW	GWQ-2	6/25/1981	Mercury	<0.001	mg/L
GW	GWQ-2	6/25/1981	Molybdenum	<0.1	mg/L
GW	GWQ-2	6/25/1981	Nickel	<0.36	mg/L
GW	GWQ-2	6/25/1981	Nitrate as N (NO3)	4.3	mg/L
GW	GWQ-2	6/25/1981	Selenium	0.0022	mg/L
GW	GWQ-2	6/25/1981	Silver	<0.32	mg/L
GW	GWQ-2	6/25/1981	Sulfate	111	mg/L
GW	GWQ-2	6/25/1981	TDS	446	mg/L
GW	GWQ-2	6/25/1981	Zinc	0.11	mg/L
GW	GWQ-2	6/25/1981	Calcium	96	mg/L
GW	GWQ-2	6/25/1981	Magnesium	11.4	mg/L
GW	GWQ-2	6/25/1981	Sodium	41.2	mg/L
GW	GWQ-2	6/25/1981	Bicarbonate	261	mg/L CaCO3
GW	GWQ-2	6/25/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-2	6/25/1981	Potassium	2.96	mg/L
GW	GWQ-7	6/7/1981	Chloride	100	mg/L
GW	GWQ-7	6/7/1981	Iron	0.02	mg/L
GW	GWQ-7	6/7/1981	Sulfate	150	mg/L
GW	GWQ-7	6/7/1981	TDS	475	mg/L
GW	GWQ-7	6/7/1981	pH	7.4	pH units
GW	GWQ-7	6/7/1981	Calcium	80	mg/L
GW	GWQ-7	6/7/1981	Magnesium	19.4	mg/L
GW	GWQ-7	6/7/1981	Sodium	136.9	mg/L
GW	GWQ-7	6/7/1981	Bicarbonate	286.4	mg/L CaCO3
GW	GWQ-9	6/7/1981	Chloride	100	mg/L
GW	GWQ-9	6/7/1981	Iron	0.06	mg/L
GW	GWQ-9	6/7/1981	Sulfate	140	mg/L
GW	GWQ-9	6/7/1981	TDS	450	mg/L
GW	GWQ-9	6/7/1981	pH	7.4	pH units
GW	GWQ-9	6/7/1981	Calcium	80	mg/L
GW	GWQ-9	6/7/1981	Magnesium	19.4	mg/L
GW	GWQ-9	6/7/1981	Sodium	128.9	mg/L
GW	GWQ-9	6/7/1981	Bicarbonate	268.4	mg/L CaCO3
GW	GWQ-10	6/10/1981	Aluminum	10.2	mg/L
GW	GWQ-10	6/10/1981	Arsenic	<0.304	mg/L
GW	GWQ-10	6/10/1981	Barium	<1	mg/L
GW	GWQ-10	6/10/1981	Boron	0.016	mg/L
GW	GWQ-10	6/10/1981	Cadmium	<0.01	mg/L
GW	GWQ-10	6/10/1981	Chloride	23.5	mg/L
GW	GWQ-10	6/10/1981	Chromium	<0.36	mg/L
GW	GWQ-10	6/10/1981	Cobalt	<0.06	mg/L
GW	GWQ-10	6/10/1981	Copper	<0.06	mg/L
GW	GWQ-10	6/10/1981	Cyanide	<0.36	mg/L
GW	GWQ-10	6/10/1981	Fluoride	1.14	mg/L
GW	GWQ-10	6/10/1981	Iron	2.31	mg/L
GW	GWQ-10	6/10/1981	Lead	<0.06	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	8/10/1981	Manganese	1.18	mg/L
GW	GWQ-10	8/10/1981	Mercury	<1	mg/L
GW	GWQ-10	8/10/1981	Molybdenum	<0.1	mg/L
GW	GWQ-10	8/10/1981	Nickel	<0.35	mg/L
GW	GWQ-10	8/10/1981	Nitrate as N (NO3)	0.22	mg/L
GW	GWQ-10	8/10/1981	Selenium	<0.002	mg/L
GW	GWQ-10	8/10/1981	Silver	<0.32	mg/L
GW	GWQ-10	8/10/1981	Sulfate	143	mg/L
GW	GWQ-10	8/10/1981	TDS	526	mg/L
GW	GWQ-10	8/10/1981	Zinc	0.25	mg/L
GW	GWQ-10	8/10/1981	pH	7.48	pH units
GW	GWQ-10	8/10/1981	Calcium	74	mg/L
GW	GWQ-10	8/10/1981	Magnesium	11.5	mg/L
GW	GWQ-10	8/10/1981	Sodium	58.7	mg/L
GW	GWQ-10	8/10/1981	Bicarbonate	219	mg/L CaCO3
GW	GWQ-10	8/10/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-10	8/10/1981	Potassium	8.32	mg/L
GW	GWQ-11	8/10/1981	Aluminum	<0.25	mg/L
GW	GWQ-11	8/10/1981	Arsenic	<0.004	mg/L
GW	GWQ-11	8/10/1981	Boron	<1	mg/L
GW	GWQ-11	8/10/1981	Boron	0.092	mg/L
GW	GWQ-11	8/10/1981	Cadmium	<0.01	mg/L
GW	GWQ-11	8/10/1981	Chloride	37	mg/L
GW	GWQ-11	8/10/1981	Chromium	<0.05	mg/L
GW	GWQ-11	8/10/1981	Cobalt	<0.35	mg/L
GW	GWQ-11	8/10/1981	Copper	<0.05	mg/L
GW	GWQ-11	8/10/1981	Cyanide	<0.05	mg/L
GW	GWQ-11	8/10/1981	Fluoride	0.9	mg/L
GW	GWQ-11	8/10/1981	Iron	1.14	mg/L
GW	GWQ-11	8/10/1981	Lead	<0.05	mg/L
GW	GWQ-11	8/10/1981	Manganese	0.45	mg/L
GW	GWQ-11	8/10/1981	Mercury	<1	mg/L
GW	GWQ-11	8/10/1981	Molybdenum	<0.1	mg/L
GW	GWQ-11	8/10/1981	Nickel	<0.35	mg/L
GW	GWQ-11	8/10/1981	Nitrate as N (NO3)	1.02	mg/L
GW	GWQ-11	8/10/1981	Selenium	0.005	mg/L
GW	GWQ-11	8/10/1981	Silver	<0.02	mg/L
GW	GWQ-11	8/10/1981	Sulfate	123	mg/L
GW	GWQ-11	8/10/1981	TDS	612	mg/L
GW	GWQ-11	8/10/1981	Zinc	<0.05	mg/L
GW	GWQ-11	8/10/1981	pH	7.35	pH units
GW	GWQ-11	8/10/1981	Calcium	68.5	mg/L
GW	GWQ-11	8/10/1981	Magnesium	13.0	mg/L
GW	GWQ-11	8/10/1981	Sodium	48.1	mg/L
GW	GWQ-11	8/10/1981	Bicarbonate	237	mg/L CaCO3
GW	GWQ-11	8/10/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-11	8/10/1981	Potassium	7.85	mg/L
GW	GWQ-7	8/10/1981	Arsenic	<0.01	mg/L
GW	GWQ-7	8/10/1981	Chloride	24	mg/L
GW	GWQ-7	8/10/1981	Copper	<0.05	mg/L
GW	GWQ-7	8/10/1981	Cyanide	<0.01	mg/L
GW	GWQ-7	8/10/1981	Fluoride	0.6	mg/L
GW	GWQ-7	8/10/1981	Iron	1.7	mg/L
GW	GWQ-7	8/10/1981	Lead	<0.30	mg/L
GW	GWQ-7	8/10/1981	Nitrate as N (NO3)	1.2	mg/L
GW	GWQ-7	8/10/1981	Sulfate	162	mg/L
GW	GWQ-7	8/10/1981	TDS	490	mg/L
GW	GWQ-7	8/10/1981	Zinc	0.65	mg/L
GW	GWQ-7	8/10/1981	pH	7.7	pH units
GW	GWQ-7	8/10/1981	Calcium	68	mg/L
GW	GWQ-7	8/10/1981	Magnesium	21	mg/L
GW	GWQ-7	8/10/1981	Sodium	48	mg/L
GW	GWQ-7	8/10/1981	Bicarbonate	229	mg/L CaCO3
GW	GWQ-9	8/10/1981	Arsenic	<0.31	mg/L
GW	GWQ-9	8/10/1981	Chloride	22	mg/L
GW	GWQ-9	8/10/1981	Copper	<0.05	mg/L
GW	GWQ-9	8/10/1981	Cyanide	<0.31	mg/L
GW	GWQ-9	8/10/1981	Fluoride	0.5	mg/L
GW	GWQ-9	8/10/1981	Iron	0.49	mg/L
GW	GWQ-9	8/10/1981	Lead	0.055	mg/L
GW	GWQ-9	8/10/1981	Nitrate as N (NO3)	1.4	mg/L
GW	GWQ-9	8/10/1981	Sulfate	146	mg/L
GW	GWQ-9	8/10/1981	TDS	470	mg/L
GW	GWQ-9	8/10/1981	Zinc	0.98	mg/L
GW	GWQ-9	8/10/1981	pH	8	pH units
GW	GWQ-9	8/10/1981	Calcium	76	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-9	8/10/1981	Magnesium	20	mg/L
GW	GWQ-9	8/10/1981	Sodium	47	mg/L
GW	GWQ-9	8/10/1981	Bicarbonate	268	mg/L CaCO3
GW	PW-1	8/14/1981	Arsenic	<0.31	mg/L
GW	PW-1	8/14/1981	Chloride	32	mg/L
GW	PW-1	8/14/1981	Copper	<0.06	mg/L
GW	PW-1	8/14/1981	Cyanide	<0.31	mg/L
GW	PW-1	8/14/1981	Fluoride	0.9	mg/L
GW	PW-1	8/14/1981	Iron	0.2	mg/L
GW	PW-1	8/14/1981	Lead	<0.32	mg/L
GW	PW-1	8/14/1981	Nitrate as N (NO3)	0.7	mg/L
GW	PW-1	8/14/1981	Sulfate	24	mg/L
GW	PW-1	8/14/1981	TDS	250	mg/L
GW	PW-1	8/14/1981	Zinc	<0.35	mg/L
GW	PW-1	8/14/1981	pH	8.1	pH units
GW	PW-1	8/14/1981	Calcium	25	mg/L
GW	PW-1	8/14/1981	Magnesium	4	mg/L
GW	PW-1	8/14/1981	Sodium	53	mg/L
GW	PW-1	8/14/1981	Bicarbonate	171	mg/L CaCO3
GW	PW-1	8/14/1981	Carbonate	0	mg/L CaCO3
GW	PW-3	8/14/1981	Arsenic	<0.31	mg/L
GW	PW-3	8/14/1981	Chloride	68	mg/L
GW	PW-3	8/14/1981	Copper	<0.35	mg/L
GW	PW-3	8/14/1981	Cyanide	0.01	mg/L
GW	PW-3	8/14/1981	Fluoride	2.5	mg/L
GW	PW-3	8/14/1981	Iron	0.31	mg/L
GW	PW-3	8/14/1981	Lead	<0.02	mg/L
GW	PW-3	8/14/1981	Nitrate as N (NO3)	0.8	mg/L
GW	PW-3	8/14/1981	Sulfate	31	mg/L
GW	PW-3	8/14/1981	TDS	300	mg/L
GW	PW-3	8/14/1981	Zinc	0.19	mg/L
GW	PW-3	8/14/1981	pH	8.2	pH units
GW	PW-3	8/14/1981	Calcium	18	mg/L
GW	PW-3	8/14/1981	Magnesium	1	mg/L
GW	PW-3	8/14/1981	Sodium	97	mg/L
GW	PW-3	8/14/1981	Bicarbonate	139	mg/L CaCO3
GW	PW-3	8/14/1981	Carbonate	0	mg/L CaCO3
GW	GWQ-8	8/19/1981	Alum num	<0.25	mg/L
GW	GWQ-8	8/19/1981	Arsenic	<0.004	mg/L
GW	GWQ-8	8/19/1981	Barium	<1	mg/L
GW	GWQ-8	8/19/1981	Boron	0.076	mg/L
GW	GWQ-8	8/19/1981	Cadmium	<0.31	mg/L
GW	GWQ-8	8/19/1981	Chloride	24	mg/L
GW	GWQ-8	8/19/1981	Chromium	<0.35	mg/L
GW	GWQ-8	8/19/1981	Cobalt	<0.05	mg/L
GW	GWQ-8	8/19/1981	Copper	<0.35	mg/L
GW	GWQ-8	8/19/1981	Cyanide	<0.05	mg/L
GW	GWQ-8	8/19/1981	Fluoride	0.59	mg/L
GW	GWQ-8	8/19/1981	Iron	<0.1	mg/L
GW	GWQ-8	8/19/1981	Lead	<0.05	mg/L
GW	GWQ-8	8/19/1981	Manganese	0.047	mg/L
GW	GWQ-8	8/19/1981	Mercury	<1	mg/L
GW	GWQ-8	8/19/1981	Molybdenum	<0.1	mg/L
GW	GWQ-8	8/19/1981	Nickel	<0.35	mg/L
GW	GWQ-8	8/19/1981	Nitrate as N (NO3)	2.8	mg/L
GW	GWQ-8	8/19/1981	Selenium	0.004	mg/L
GW	GWQ-8	8/19/1981	Silver	<0.32	mg/L
GW	GWQ-8	8/19/1981	Sulfate	134	mg/L
GW	GWQ-8	8/19/1981	TDS	608	mg/L
GW	GWQ-8	8/19/1981	Zinc	0.69	mg/L
GW	GWQ-8	8/19/1981	pH	7.42	pH units
GW	GWQ-8	8/19/1981	Calcium	72.9	mg/L
GW	GWQ-8	8/19/1981	Magnesium	12.1	mg/L
GW	GWQ-8	8/19/1981	Sodium	94.1	mg/L
GW	GWQ-8	8/19/1981	Bicarbonate	283	mg/L CaCO3
GW	GWQ-8	8/19/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-8	8/19/1981	Potassium	4.2	mg/L
GW	GWQ-9	10/5/1981	Alum num	<0.25	mg/L
GW	GWQ-9	10/5/1981	Arsenic	<0.004	mg/L
GW	GWQ-9	10/5/1981	Barium	<1	mg/L
GW	GWQ-9	10/5/1981	Boron	0.044	mg/L
GW	GWQ-9	10/5/1981	Cadmium	<0.01	mg/L
GW	GWQ-9	10/5/1981	Chloride	22.4	mg/L
GW	GWQ-9	10/5/1981	Chromium	<0.05	mg/L
GW	GWQ-9	10/5/1981	Cobalt	<0.35	mg/L
GW	GWQ-9	10/5/1981	Copper	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-9	10/6/1981	Cyanide	<0.05	mg/L
GW	GWQ-9	10/6/1981	Fluoride	0.6	mg/L
GW	GWQ-9	10/6/1981	Iron	<0.1	mg/L
GW	GWQ-9	10/6/1981	Lead	<0.05	mg/L
GW	GWQ-9	10/6/1981	Manganese	<0.02	mg/L
GW	GWQ-9	10/6/1981	Mercury	<1	mg/L
GW	GWQ-9	10/6/1981	Molybdenum	<0.1	mg/L
GW	GWQ-9	10/6/1981	Nickel	<0.05	mg/L
GW	GWQ-9	10/6/1981	Nitrate as N (NO3)	0.96	mg/L
GW	GWQ-9	10/6/1981	Selenium	<0.002	mg/L
GW	GWQ-9	10/6/1981	Silver	<0.02	mg/L
GW	GWQ-9	10/6/1981	Sulfate	133	mg/L
GW	GWQ-9	10/6/1981	TDS	476	mg/L
GW	GWQ-9	10/6/1981	Zinc	0.35	mg/L
GW	GWQ-9	10/6/1981	pH	7.22	pH units
GW	GWQ-9	10/6/1981	Calcium	51.6	mg/L
GW	GWQ-9	10/6/1981	Magnesium	17.1	mg/L
GW	GWQ-9	10/6/1981	Sodium	71	mg/L
GW	GWQ-9	10/6/1981	Bicarbonate	302	mg/L CaCO3
GW	GWQ-9	10/6/1981	Carbonate	<1	mg/L CaCO3
GW	GWQ-9	10/6/1981	Potassium	3.3	mg/L
GW	NP-1	10/6/1981	Aluminum	<0.25	mg/L
GW	NP-1	10/6/1981	Arsenic	<0.004	mg/L
GW	NP-1	10/6/1981	Barium	<1	mg/L
GW	NP-1	10/6/1981	Boron	<0.001	mg/L
GW	NP-1	10/6/1981	Cadmium	<0.01	mg/L
GW	NP-1	10/6/1981	Chloride	24.9	mg/L
GW	NP-1	10/6/1981	Chromium	<0.05	mg/L
GW	NP-1	10/6/1981	Cobalt	<0.05	mg/L
GW	NP-1	10/6/1981	Copper	<0.05	mg/L
GW	NP-1	10/6/1981	Cyanide	<0.05	mg/L
GW	NP-1	10/6/1981	Fluoride	0.84	mg/L
GW	NP-1	10/6/1981	Iron	0.27	mg/L
GW	NP-1	10/6/1981	Lead	<0.05	mg/L
GW	NP-1	10/6/1981	Manganese	0.92	mg/L
GW	NP-1	10/6/1981	Mercury	<1	mg/L
GW	NP-1	10/6/1981	Molybdenum	<0.1	mg/L
GW	NP-1	10/6/1981	Nickel	<0.05	mg/L
GW	NP-1	10/6/1981	Nitrate as N (NO3)	0.47	mg/L
GW	NP-1	10/6/1981	Selenium	0.003	mg/L
GW	NP-1	10/6/1981	Silver	<0.02	mg/L
GW	NP-1	10/6/1981	Sulfate	108	mg/L
GW	NP-1	10/6/1981	TDS	496	mg/L
GW	NP-1	10/6/1981	Zinc	0.4	mg/L
GW	NP-1	10/6/1981	pH	7.6	pH units
GW	NP-1	10/6/1981	Calcium	55.7	mg/L
GW	NP-1	10/6/1981	Magnesium	13.7	mg/L
GW	NP-1	10/6/1981	Sodium	61.7	mg/L
GW	NP-1	10/6/1981	Bicarbonate	266	mg/L CaCO3
GW	NP-1	10/6/1981	Carbonate	<1	mg/L CaCO3
GW	NP-1	10/6/1981	Potassium	8.25	mg/L
GW	NP-2	10/6/1981	Aluminum	<0.25	mg/L
GW	NP-2	10/6/1981	Arsenic	0.024	mg/L
GW	NP-2	10/6/1981	Barium	<1	mg/L
GW	NP-2	10/6/1981	Boron	0.05	mg/L
GW	NP-2	10/6/1981	Cadmium	<0.01	mg/L
GW	NP-2	10/6/1981	Chloride	45.1	mg/L
GW	NP-2	10/6/1981	Chromium	<0.05	mg/L
GW	NP-2	10/6/1981	Cobalt	<0.05	mg/L
GW	NP-2	10/6/1981	Copper	<0.05	mg/L
GW	NP-2	10/6/1981	Cyanide	<0.05	mg/L
GW	NP-2	10/6/1981	Fluoride	1.75	mg/L
GW	NP-2	10/6/1981	Iron	<0.1	mg/L
GW	NP-2	10/6/1981	Lead	<0.05	mg/L
GW	NP-2	10/6/1981	Manganese	0.62	mg/L
GW	NP-2	10/6/1981	Mercury	<1	mg/L
GW	NP-2	10/6/1981	Molybdenum	<0.1	mg/L
GW	NP-2	10/6/1981	Nickel	<0.05	mg/L
GW	NP-2	10/6/1981	Nitrate as N (NO3)	0.23	mg/L
GW	NP-2	10/6/1981	Selenium	<0.002	mg/L
GW	NP-2	10/6/1981	Silver	<0.02	mg/L
GW	NP-2	10/6/1981	Sulfate	195	mg/L
GW	NP-2	10/6/1981	TDS	476	mg/L
GW	NP-2	10/6/1981	Zinc	0.31	mg/L
GW	NP-2	10/6/1981	pH	7.39	pH units
GW	NP-2	10/6/1981	Calcium	46	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	10/8/1981	Magnesium	14.8	mg/L
GW	NP-2	10/8/1981	Sodium	93.5	mg/L
GW	NP-2	10/8/1981	Bicarbonate	159	mg/L CaCO ₃
GW	NP-2	10/8/1981	Carbonate	<1	mg/L CaCO ₃
GW	NP-2	10/8/1981	Potassium	9.57	mg/L
GW	NP-3	10/8/1981	Alum num	<0.25	mg/L
GW	NP-3	10/8/1981	Arsenic	0.005	mg/L
GW	NP-3	10/8/1981	Barium	<1	mg/L
GW	NP-3	10/8/1981	Boron	0.188	mg/L
GW	NP-3	10/8/1981	Cadmium	<0.31	mg/L
GW	NP-3	10/8/1981	Chloride	28.6	mg/L
GW	NP-3	10/8/1981	Chromium	<0.35	mg/L
GW	NP-3	10/8/1981	Cobalt	<0.35	mg/L
GW	NP-3	10/8/1981	Copper	<0.35	mg/L
GW	NP-3	10/8/1981	Cyanide	<0.35	mg/L
GW	NP-3	10/8/1981	Fluoride	1.53	mg/L
GW	NP-3	10/8/1981	Iron	<0.1	mg/L
GW	NP-3	10/8/1981	Lead	<0.35	mg/L
GW	NP-3	10/8/1981	Manganese	0.81	mg/L
GW	NP-3	10/8/1981	Mercury	<1	mg/L
GW	NP-3	10/8/1981	Molybdenum	<0.1	mg/L
GW	NP-3	10/8/1981	Nickel	<0.05	mg/L
GW	NP-3	10/8/1981	Nitrate as N (NO ₃)	<0.35	mg/L
GW	NP-3	10/8/1981	Selenium	0.005	mg/L
GW	NP-3	10/8/1981	Silver	<0.32	mg/L
GW	NP-3	10/8/1981	Sulfate	84.5	mg/L
GW	NP-3	10/8/1981	TDS	460	mg/L
GW	NP-3	10/8/1981	Zinc	1.25	mg/L
GW	NP-3	10/8/1981	pH	6.96	pH units
GW	NP-3	10/8/1981	Calcium	40.9	mg/L
GW	NP-3	10/8/1981	Magnesium	9.55	mg/L
GW	NP-3	10/8/1981	Sodium	79	mg/L
GW	NP-3	10/8/1981	Bicarbonate	211	mg/L CaCO ₃
GW	NP-3	10/8/1981	Carbonate	<1	mg/L CaCO ₃
GW	NP-3	10/8/1981	Potassium	9.71	mg/L
GW	GWQ-7	10/23/1981	Alum num	<0.31	mg/L
GW	GWQ-7	10/23/1981	Arsenic	<0.01	mg/L
GW	GWQ-7	10/23/1981	Barium	<0.32	mg/L
GW	GWQ-7	10/23/1981	Boron	<0.2	mg/L
GW	GWQ-7	10/23/1981	Boron	<0.1	mg/L
GW	GWQ-7	10/23/1981	Cadmium	<0.305	mg/L
GW	GWQ-7	10/23/1981	Chloride	26	mg/L
GW	GWQ-7	10/23/1981	Chromium	<0.31	mg/L
GW	GWQ-7	10/23/1981	Cobalt	<0.32	mg/L
GW	GWQ-7	10/23/1981	Copper	<0.05	mg/L
GW	GWQ-7	10/23/1981	Cyanide	<0.31	mg/L
GW	GWQ-7	10/23/1981	Fluoride	0.5	mg/L
GW	GWQ-7	10/23/1981	Iron	0.14	mg/L
GW	GWQ-7	10/23/1981	Iron	<0.1	mg/L
GW	GWQ-7	10/23/1981	Lead	<0.02	mg/L
GW	GWQ-7	10/23/1981	Manganese	<0.05	mg/L
GW	GWQ-7	10/23/1981	Mercury	<0.301	mg/L
GW	GWQ-7	10/23/1981	Molybdenum	<0.05	mg/L
GW	GWQ-7	10/23/1981	Nickel	<0.35	mg/L
GW	GWQ-7	10/23/1981	Nitrate as N (NO ₃)	1.1	mg/L
GW	GWQ-7	10/23/1981	Nitrate as N (NO ₃)	1.3	mg/L
GW	GWQ-7	10/23/1981	Selenium	<0.305	mg/L
GW	GWQ-7	10/23/1981	Silver	<0.02	mg/L
GW	GWQ-7	10/23/1981	Sulfate	160	mg/L
GW	GWQ-7	10/23/1981	Sulfate	162	mg/L
GW	GWQ-7	10/23/1981	TDS	490	mg/L
GW	GWQ-7	10/23/1981	TDS	500	mg/L
GW	GWQ-7	10/23/1981	Zinc	0.41	mg/L
GW	GWQ-7	10/23/1981	Zinc	0.16	mg/L
GW	GWQ-7	10/23/1981	Calcium	71	mg/L
GW	GWQ-7	10/23/1981	Calcium	70	mg/L
GW	GWQ-1C	10/27/1981	Alum num	<0.31	mg/L
GW	GWQ-10	10/27/1981	Arsenic	<0.01	mg/L
GW	GWQ-10	10/27/1981	Barium	<0.2	mg/L
GW	GWQ-1C	10/27/1981	Boron	<0.1	mg/L
GW	GWQ-10	10/27/1981	Cadmium	<0.005	mg/L
GW	GWQ-10	10/27/1981	Chloride	22	mg/L
GW	GWQ-1C	10/27/1981	Chromium	<0.31	mg/L
GW	GWQ-10	10/27/1981	Cobalt	<0.02	mg/L
GW	GWQ-1C	10/27/1981	Copper	<0.35	mg/L
GW	GWQ-10	10/27/1981	Cyanide	<0.01	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	10/27/1981	Fluoride	0.6	mg/L
GW	GWQ-10	10/27/1981	Iron	<0.31	mg/L
GW	GWQ-10	10/27/1981	Lead	<0.32	mg/L
GW	GWQ-10	10/27/1981	Manganese	<0.35	mg/L
GW	GWQ-10	10/27/1981	Mercury	<0.001	mg/L
GW	GWQ-10	10/27/1981	Molybdenum	<0.06	mg/L
GW	GWQ-10	10/27/1981	Nickel	<0.35	mg/L
GW	GWQ-10	10/27/1981	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ-10	10/27/1981	Selenium	<0.005	mg/L
GW	GWQ-10	10/27/1981	Silver	<0.32	mg/L
GW	GWQ-10	10/27/1981	Sulfate	188	mg/L
GW	GWQ-10	10/27/1981	TDS	520	mg/L
GW	GWQ-10	10/27/1981	Zinc	0.25	mg/L
GW	GWQ-10	10/27/1981	pH	8.2	pH units
GW	GWQ-10	10/27/1981	Calcium	68	mg/L
GW	GWQ-11	10/27/1981	Aluminum	<0.01	mg/L
GW	GWQ-11	10/27/1981	Arsenic	<0.31	mg/L
GW	GWQ-11	10/27/1981	Barium	<0.2	mg/L
GW	GWQ-11	10/27/1981	Boron	<0.1	mg/L
GW	GWQ-11	10/27/1981	Cadmium	<0.005	mg/L
GW	GWQ-11	10/27/1981	Chloride	36	mg/L
GW	GWQ-11	10/27/1981	Chromium	<0.01	mg/L
GW	GWQ-11	10/27/1981	Cobalt	<0.32	mg/L
GW	GWQ-11	10/27/1981	Copper	<0.05	mg/L
GW	GWQ-11	10/27/1981	Cyanide	<0.31	mg/L
GW	GWQ-11	10/27/1981	Fluoride	1	mg/L
GW	GWQ-11	10/27/1981	Iron	<0.1	mg/L
GW	GWQ-11	10/27/1981	Lead	<0.32	mg/L
GW	GWQ-11	10/27/1981	Manganese	<0.05	mg/L
GW	GWQ-11	10/27/1981	Mercury	<0.001	mg/L
GW	GWQ-11	10/27/1981	Molybdenum	<0.06	mg/L
GW	GWQ-11	10/27/1981	Nickel	<0.05	mg/L
GW	GWQ-11	10/27/1981	Nitrate as N (NO3)	0.7	mg/L
GW	GWQ-11	10/27/1981	Selenium	<0.005	mg/L
GW	GWQ-11	10/27/1981	Silver	<0.32	mg/L
GW	GWQ-11	10/27/1981	Sulfate	183	mg/L
GW	GWQ-11	10/27/1981	TDS	550	mg/L
GW	GWQ-11	10/27/1981	Zinc	0.17	mg/L
GW	GWQ-11	10/27/1981	pH	8.1	pH units
GW	GWQ-11	10/27/1981	Calcium	72	mg/L
GW	NP-3	10/27/1981	Aluminum	<0.31	mg/L
GW	NP-3	10/27/1981	Arsenic	<0.31	mg/L
GW	NP-3	10/27/1981	Barium	0.2	mg/L
GW	NP-3	10/27/1981	Boron	<0.1	mg/L
GW	NP-3	10/27/1981	Cadmium	<0.005	mg/L
GW	NP-3	10/27/1981	Chloride	26	mg/L
GW	NP-3	10/27/1981	Chromium	<0.01	mg/L
GW	NP-3	10/27/1981	Cobalt	<0.02	mg/L
GW	NP-3	10/27/1981	Copper	<0.35	mg/L
GW	NP-3	10/27/1981	Cyanide	<0.01	mg/L
GW	NP-3	10/27/1981	Fluoride	1.9	mg/L
GW	NP-3	10/27/1981	Iron	0.39	mg/L
GW	NP-3	10/27/1981	Lead	<0.02	mg/L
GW	NP-3	10/27/1981	Manganese	1	mg/L
GW	NP-3	10/27/1981	Mercury	<0.001	mg/L
GW	NP-3	10/27/1981	Molybdenum	0.16	mg/L
GW	NP-3	10/27/1981	Nickel	<0.35	mg/L
GW	NP-3	10/27/1981	Nitrate as N (NO3)	0.4	mg/L
GW	NP-3	10/27/1981	Selenium	<0.005	mg/L
GW	NP-3	10/27/1981	Silver	<0.32	mg/L
GW	NP-3	10/27/1981	Sulfate	148	mg/L
GW	NP-3	10/27/1981	TDS	390	mg/L
GW	NP-3	10/27/1981	Zinc	0.95	mg/L
GW	NP-3	10/27/1981	pH	9	pH units
GW	NP-3	10/27/1981	Calcium	41	mg/L
GW	GWQ-10	10/30/1981	Aluminum	<0.25	mg/L
GW	GWQ-10	10/30/1981	Arsenic	<0.005	mg/L
GW	GWQ-10	10/30/1981	Barium	<1	mg/L
GW	GWQ-10	10/30/1981	Boron	0.77	mg/L
GW	GWQ-10	10/30/1981	Cadmium	<0.31	mg/L
GW	GWQ-10	10/30/1981	Chloride	22.8	mg/L
GW	GWQ-10	10/30/1981	Chromium	<0.05	mg/L
GW	GWQ-10	10/30/1981	Cobalt	<0.35	mg/L
GW	GWQ-10	10/30/1981	Copper	<0.05	mg/L
GW	GWQ-10	10/30/1981	Cyanide	<0.35	mg/L
GW	GWQ-10	10/30/1981	Fluoride	0.95	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	10/30/1981	Iron	<1	mg/L
GW	GWQ-10	10/30/1981	Lead	<0.06	mg/L
GW	GWQ-10	10/30/1981	Manganese	<0.02	mg/L
GW	GWQ-10	10/30/1981	Mercury	<0.001	mg/L
GW	GWQ-10	10/30/1981	Molybdenum	<0.1	mg/L
GW	GWQ-10	10/30/1981	Nickel	<0.02	mg/L
GW	GWQ-10	10/30/1981	Nitrate as N (NO3)	0.66	mg/L
GW	GWQ-10	10/30/1981	Selenium	<0.002	mg/L
GW	GWQ-10	10/30/1981	Silver	<0.02	mg/L
GW	GWQ-10	10/30/1981	Sulfate	122	mg/L
GW	GWQ-10	10/30/1981	TDS	588	mg/L
GW	GWQ-10	10/30/1981	Zinc	0.24	mg/L
GW	GWQ-10	10/30/1981	pH	8.1	pH units
GW	GWQ-11	10/30/1981	Aluminum	<0.25	mg/L
GW	GWQ-11	10/30/1981	Arsenic	<0.005	mg/L
GW	GWQ-11	10/30/1981	Barium	<1	mg/L
GW	GWQ-11	10/30/1981	Boron	0.55	mg/L
GW	GWQ-11	10/30/1981	Cadmium	<0.01	mg/L
GW	GWQ-11	10/30/1981	Chloride	39.1	mg/L
GW	GWQ-11	10/30/1981	Chromium	<0.05	mg/L
GW	GWQ-11	10/30/1981	Cobalt	<0.05	mg/L
GW	GWQ-11	10/30/1981	Copper	<0.05	mg/L
GW	GWQ-11	10/30/1981	Cyanide	<0.05	mg/L
GW	GWQ-11	10/30/1981	Fluoride	0.96	mg/L
GW	GWQ-11	10/30/1981	Iron	<0.1	mg/L
GW	GWQ-11	10/30/1981	Lead	<0.06	mg/L
GW	GWQ-11	10/30/1981	Manganese	<0.02	mg/L
GW	GWQ-11	10/30/1981	Mercury	<0.001	mg/L
GW	GWQ-11	10/30/1981	Molybdenum	<0.1	mg/L
GW	GWQ-11	10/30/1981	Nickel	<0.02	mg/L
GW	GWQ-11	10/30/1981	Nitrate as N (NO3)	0.61	mg/L
GW	GWQ-11	10/30/1981	Selenium	<0.011	mg/L
GW	GWQ-11	10/30/1981	Silver	<0.02	mg/L
GW	GWQ-11	10/30/1981	Sulfate	101	mg/L
GW	GWQ-11	10/30/1981	TDS	538	mg/L
GW	GWQ-11	10/30/1981	Zinc	0.23	mg/L
GW	GWQ-11	10/30/1981	pH	8.4	pH units
GW	NP-3	10/30/1981	Aluminum	<0.25	mg/L
GW	NP-3	10/30/1981	Arsenic	<0.005	mg/L
GW	NP-3	10/30/1981	Barium	<1	mg/L
GW	NP-3	10/30/1981	Boron	0.29	mg/L
GW	NP-3	10/30/1981	Cadmium	<0.01	mg/L
GW	NP-3	10/30/1981	Chloride	31.2	mg/L
GW	NP-3	10/30/1981	Chromium	<0.05	mg/L
GW	NP-3	10/30/1981	Cobalt	<0.05	mg/L
GW	NP-3	10/30/1981	Copper	<0.05	mg/L
GW	NP-3	10/30/1981	Cyanide	<0.05	mg/L
GW	NP-3	10/30/1981	Fluoride	1.6	mg/L
GW	NP-3	10/30/1981	Iron	<0.1	mg/L
GW	NP-3	10/30/1981	Lead	<0.06	mg/L
GW	NP-3	10/30/1981	Manganese	1.03	mg/L
GW	NP-3	10/30/1981	Mercury	<0.001	mg/L
GW	NP-3	10/30/1981	Molybdenum	<0.1	mg/L
GW	NP-3	10/30/1981	Nickel	<0.02	mg/L
GW	NP-3	10/30/1981	Nitrate as N (NO3)	<0.05	mg/L
GW	NP-3	10/30/1981	Selenium	<0.002	mg/L
GW	NP-3	10/30/1981	Silver	<0.02	mg/L
GW	NP-3	10/30/1981	Sulfate	102	mg/L
GW	NP-3	10/30/1981	TDS	426	mg/L
GW	NP-3	10/30/1981	Zinc	0.93	mg/L
GW	NP-3	10/30/1981	pH	7.89	pH units
GW	NP-1	11/4/1981	Aluminum	<0.01	mg/L
GW	NP-1	11/4/1981	Arsenic	<0.01	mg/L
GW	NP-1	11/4/1981	Barium	<0.2	mg/L
GW	NP-1	11/4/1981	Boron	<0.1	mg/L
GW	NP-1	11/4/1981	Cadmium	<0.005	mg/L
GW	NP-1	11/4/1981	Chloride	26	mg/L
GW	NP-1	11/4/1981	Chromium	<0.01	mg/L
GW	NP-1	11/4/1981	Cobalt	<0.02	mg/L
GW	NP-1	11/4/1981	Copper	<0.05	mg/L
GW	NP-1	11/4/1981	Cyanide	0.04	mg/L
GW	NP-1	11/4/1981	Fluoride	1	mg/L
GW	NP-1	11/4/1981	Iron	<0.1	mg/L
GW	NP-1	11/4/1981	Lead	<0.02	mg/L
GW	NP-1	11/4/1981	Manganese	0.6	mg/L
GW	NP-1	11/4/1981	Mercury	<0.001	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	11/4/1981	Molybdenum	<0.05	mg/L
GW	NP-1	11/4/1981	Nickel	<0.05	mg/L
GW	NP-1	11/4/1981	Nitrate as N (NO3)	0.3	mg/L
GW	NP-1	11/4/1981	Selenium	<0.005	mg/L
GW	NP-1	11/4/1981	Silver	<0.02	mg/L
GW	NP-1	11/4/1981	Sulfate	148	mg/L
GW	NP-1	11/4/1981	TDS	470	mg/L
GW	NP-1	11/4/1981	Zinc	0.14	mg/L
GW	NP-1	11/4/1981	pH	8.1	pH units
GW	NP-1	11/4/1981	Calcium	54	mg/L
GW	NP-5	11/4/1981	Aluminum	<0.01	mg/L
GW	NP-5	11/4/1981	Arsenic	<0.01	mg/L
GW	NP-5	11/4/1981	Barium	<0.2	mg/L
GW	NP-5	11/4/1981	Boron	<0.1	mg/L
GW	NP-5	11/4/1981	Cadmium	<0.005	mg/L
GW	NP-5	11/4/1981	Chloride	50	mg/L
GW	NP-5	11/4/1981	Chromium	<0.01	mg/L
GW	NP-5	11/4/1981	Cobalt	<0.02	mg/L
GW	NP-5	11/4/1981	Copper	<0.05	mg/L
GW	NP-5	11/4/1981	Cyanide	<0.01	mg/L
GW	NP-5	11/4/1981	Fluoride	1.3	mg/L
GW	NP-5	11/4/1981	Iron	<0.1	mg/L
GW	NP-5	11/4/1981	Lead	<0.02	mg/L
GW	NP-5	11/4/1981	Manganese	0.1	mg/L
GW	NP-5	11/4/1981	Mercury	<0.001	mg/L
GW	NP-5	11/4/1981	Molybdenum	<0.05	mg/L
GW	NP-5	11/4/1981	Nickel	<0.05	mg/L
GW	NP-5	11/4/1981	Nitrate as N (NO3)	4.1	mg/L
GW	NP-5	11/4/1981	Selenium	<0.005	mg/L
GW	NP-5	11/4/1981	Silver	<0.02	mg/L
GW	NP-5	11/4/1981	Sulfate	196	mg/L
GW	NP-5	11/4/1981	TDS	570	mg/L
GW	NP-5	11/4/1981	Zinc	0.14	mg/L
GW	NP-5	11/4/1981	pH	8	pH units
GW	NP-5	11/4/1981	Calcium	98	mg/L
GW	GWQ-1C	11/6/1981	Aluminum	<0.01	mg/L
GW	GWQ-1C	11/6/1981	Arsenic	<0.01	mg/L
GW	GWQ-1C	11/6/1981	Barium	<0.2	mg/L
GW	GWQ-1C	11/6/1981	Boron	<0.1	mg/L
GW	GWQ-1C	11/6/1981	Cadmium	<0.005	mg/L
GW	GWQ-1C	11/6/1981	Chloride	22	mg/L
GW	GWQ-1C	11/6/1981	Chromium	<0.01	mg/L
GW	GWQ-1C	11/6/1981	Cobalt	<0.02	mg/L
GW	GWQ-1C	11/6/1981	Copper	<0.05	mg/L
GW	GWQ-1C	11/6/1981	Cyanide	<0.01	mg/L
GW	GWQ-1C	11/6/1981	Fluoride	0.7	mg/L
GW	GWQ-1C	11/6/1981	Iron	<0.1	mg/L
GW	GWQ-1C	11/6/1981	Lead	<0.02	mg/L
GW	GWQ-1C	11/6/1981	Manganese	<0.05	mg/L
GW	GWQ-1C	11/6/1981	Mercury	<0.001	mg/L
GW	GWQ-1C	11/6/1981	Molybdenum	<0.05	mg/L
GW	GWQ-1C	11/6/1981	Nickel	<0.05	mg/L
GW	GWQ-1C	11/6/1981	Nitrate as N (NO3)	2	mg/L
GW	GWQ-1C	11/6/1981	Selenium	<0.005	mg/L
GW	GWQ-1C	11/6/1981	Silver	<0.02	mg/L
GW	GWQ-1C	11/6/1981	Sulfate	162	mg/L
GW	GWQ-1C	11/6/1981	TDS	500	mg/L
GW	GWQ-1C	11/6/1981	Zinc	0.25	mg/L
GW	GWQ-1C	11/6/1981	pH	7.9	pH units
GW	GWQ-1C	11/6/1981	Calcium	72	mg/L
GW	GWQ-11	11/6/1981	Aluminum	<0.01	mg/L
GW	GWQ-11	11/6/1981	Arsenic	<0.01	mg/L
GW	GWQ-11	11/6/1981	Barium	<0.2	mg/L
GW	GWQ-11	11/6/1981	Boron	<0.1	mg/L
GW	GWQ-11	11/6/1981	Cadmium	<0.005	mg/L
GW	GWQ-11	11/6/1981	Chloride	36	mg/L
GW	GWQ-11	11/6/1981	Chromium	<0.01	mg/L
GW	GWQ-11	11/6/1981	Cobalt	<0.02	mg/L
GW	GWQ-11	11/6/1981	Copper	<0.05	mg/L
GW	GWQ-11	11/6/1981	Cyanide	<0.01	mg/L
GW	GWQ-11	11/6/1981	Fluoride	1	mg/L
GW	GWQ-11	11/6/1981	Iron	<0.1	mg/L
GW	GWQ-11	11/6/1981	Lead	<0.02	mg/L
GW	GWQ-11	11/6/1981	Manganese	<0.05	mg/L
GW	GWQ-11	11/6/1981	Mercury	<0.001	mg/L
GW	GWQ-11	11/6/1981	Molybdenum	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	11/6/1981	Nickel	<0.05	mg/L
GW	GWQ-11	11/6/1981	Nitrate as N (NO3)	1.5	mg/L
GW	GWQ-11	11/6/1981	Selenium	<0.005	mg/L
GW	GWQ-11	11/6/1981	Silver	<0.02	mg/L
GW	GWQ-11	11/6/1981	Sulfate	168	mg/L
GW	GWQ-11	11/6/1981	TDS	520	mg/L
GW	GWQ-11	11/6/1981	Zinc	0.29	mg/L
GW	GWQ-11	11/6/1981	pH	8.1	pH units
GW	GWQ-11	11/6/1981	Calcium	67	mg/L
GW	GWQ-4	11/6/1981	Aluminum	<0.31	mg/L
GW	GWQ-4	11/6/1981	Arsenic	<0.01	mg/L
GW	GWQ-4	11/6/1981	Barium	<0.2	mg/L
GW	GWQ-4	11/6/1981	Boron	<0.1	mg/L
GW	GWQ-4	11/6/1981	Cadmium	<0.005	mg/L
GW	GWQ-4	11/6/1981	Chloride	22	mg/L
GW	GWQ-4	11/6/1981	Chromium	<0.01	mg/L
GW	GWQ-4	11/6/1981	Cobalt	<0.32	mg/L
GW	GWQ-4	11/6/1981	Copper	<0.35	mg/L
GW	GWQ-4	11/6/1981	Cyanide	<0.01	mg/L
GW	GWQ-4	11/6/1981	Fluoride	0.7	mg/L
GW	GWQ-4	11/6/1981	Iron	<0.1	mg/L
GW	GWQ-4	11/6/1981	Lead	<0.02	mg/L
GW	GWQ-4	11/6/1981	Manganese	<0.35	mg/L
GW	GWQ-4	11/6/1981	Mercury	<0.001	mg/L
GW	GWQ-4	11/6/1981	Molybdenum	<0.35	mg/L
GW	GWQ-4	11/6/1981	Nickel	<0.05	mg/L
GW	GWQ-4	11/6/1981	Nitrate as N (NO3)	2	mg/L
GW	GWQ-4	11/6/1981	Selenium	<0.005	mg/L
GW	GWQ-4	11/6/1981	Silver	<0.02	mg/L
GW	GWQ-4	11/6/1981	Sulfate	162	mg/L
GW	GWQ-4	11/6/1981	TDS	500	mg/L
GW	GWQ-4	11/6/1981	Zinc	0.28	mg/L
GW	GWQ-4	11/6/1981	pH	7.9	pH units
GW	GWQ-4	11/6/1981	Calcium	72	mg/L
GW	GWQ-7	11/6/1981	Aluminum	<0.31	mg/L
GW	GWQ-7	11/6/1981	Arsenic	<0.01	mg/L
GW	GWQ-7	11/6/1981	Barium	<0.2	mg/L
GW	GWQ-7	11/6/1981	Boron	<0.1	mg/L
GW	GWQ-7	11/6/1981	Cadmium	<0.005	mg/L
GW	GWQ-7	11/6/1981	Chloride	24	mg/L
GW	GWQ-7	11/6/1981	Chromium	<0.01	mg/L
GW	GWQ-7	11/6/1981	Cobalt	<0.32	mg/L
GW	GWQ-7	11/6/1981	Copper	<0.35	mg/L
GW	GWQ-7	11/6/1981	Cyanide	<0.01	mg/L
GW	GWQ-7	11/6/1981	Fluoride	0.8	mg/L
GW	GWQ-7	11/6/1981	Iron	<0.1	mg/L
GW	GWQ-7	11/6/1981	Lead	<0.02	mg/L
GW	GWQ-7	11/6/1981	Manganese	<0.35	mg/L
GW	GWQ-7	11/6/1981	Mercury	<0.001	mg/L
GW	GWQ-7	11/6/1981	Molybdenum	<0.35	mg/L
GW	GWQ-7	11/6/1981	Nickel	<0.05	mg/L
GW	GWQ-7	11/6/1981	Nitrate as N (NO3)	1.2	mg/L
GW	GWQ-7	11/6/1981	Selenium	<0.005	mg/L
GW	GWQ-7	11/6/1981	Silver	<0.02	mg/L
GW	GWQ-7	11/6/1981	Sulfate	158	mg/L
GW	GWQ-7	11/6/1981	TDS	480	mg/L
GW	GWQ-7	11/6/1981	Zinc	0.19	mg/L
GW	GWQ-7	11/6/1981	pH	8.1	pH units
GW	GWQ-7	11/6/1981	Calcium	71	mg/L
GW	NP-2	11/6/1981	Aluminum	<0.31	mg/L
GW	NP-2	11/6/1981	Arsenic	<0.01	mg/L
GW	NP-2	11/6/1981	Barium	<0.2	mg/L
GW	NP-2	11/6/1981	Boron	<0.1	mg/L
GW	NP-2	11/6/1981	Cadmium	<0.005	mg/L
GW	NP-2	11/6/1981	Chloride	35	mg/L
GW	NP-2	11/6/1981	Chromium	<0.01	mg/L
GW	NP-2	11/6/1981	Cobalt	<0.32	mg/L
GW	NP-2	11/6/1981	Copper	<0.35	mg/L
GW	NP-2	11/6/1981	Cyanide	<0.01	mg/L
GW	NP-2	11/6/1981	Fluoride	1.4	mg/L
GW	NP-2	11/6/1981	Iron	<0.1	mg/L
GW	NP-2	11/6/1981	Lead	<0.02	mg/L
GW	NP-2	11/6/1981	Manganese	0.39	mg/L
GW	NP-2	11/6/1981	Mercury	<0.001	mg/L
GW	NP-2	11/6/1981	Molybdenum	0.21	mg/L
GW	NP-2	11/6/1981	Nickel	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	11/6/1981	Nitrate as N (NO3)	0.4	mg/L
GW	NP-2	11/6/1981	Selenium	<0.005	mg/L
GW	NP-2	11/6/1981	Silver	<0.02	mg/L
GW	NP-2	11/6/1981	Sulfate	184	mg/L
GW	NP-2	11/6/1981	TDS	450	mg/L
GW	NP-2	11/6/1981	Zinc	1.7	mg/L
GW	NP-2	11/6/1981	pH	7.6	pH units
GW	NP-2	11/6/1981	Calcium	53	mg/L
GW	NP-3	11/6/1981	Aluminum	<0.01	mg/L
GW	NP-3	11/6/1981	Arsenic	<0.01	mg/L
GW	NP-3	11/6/1981	Barium	<0.2	mg/L
GW	NP-3	11/6/1981	Boron	<0.1	mg/L
GW	NP-3	11/6/1981	Cadmium	<0.005	mg/L
GW	NP-3	11/6/1981	Chloride	28	mg/L
GW	NP-3	11/6/1981	Chromium	<0.01	mg/L
GW	NP-3	11/6/1981	Cobalt	<0.02	mg/L
GW	NP-3	11/6/1981	Copper	<0.05	mg/L
GW	NP-3	11/6/1981	Cyanide	<0.01	mg/L
GW	NP-3	11/6/1981	Fluoride	1.6	mg/L
GW	NP-3	11/6/1981	Iron	<0.1	mg/L
GW	NP-3	11/6/1981	Lead	<0.02	mg/L
GW	NP-3	11/6/1981	Manganese	0.47	mg/L
GW	NP-3	11/6/1981	Mercury	<0.001	mg/L
GW	NP-3	11/6/1981	Molybdenum	0.26	mg/L
GW	NP-3	11/6/1981	Nickel	<0.05	mg/L
GW	NP-3	11/6/1981	Nitrate as N (NO3)	0.2	mg/L
GW	NP-3	11/6/1981	Selenium	<0.005	mg/L
GW	NP-3	11/6/1981	Silver	<0.02	mg/L
GW	NP-3	11/6/1981	Sulfate	140	mg/L
GW	NP-3	11/6/1981	TDS	380	mg/L
GW	NP-3	11/6/1981	Zinc	1.1	mg/L
GW	NP-3	11/6/1981	pH	7.9	pH units
GW	NP-3	11/6/1981	Calcium	39	mg/L
GW	GWQ-1C	11/13/1981	Aluminum	0.37	mg/L
GW	GWQ-1C	11/13/1981	Arsenic	<0.005	mg/L
GW	GWQ-1C	11/13/1981	Barium	0.25	mg/L
GW	GWQ-10	11/13/1981	Boron	0.057	mg/L
GW	GWQ-1C	11/13/1981	Cadmium	0.001	mg/L
GW	GWQ-1C	11/13/1981	Chloride	22.65	mg/L
GW	GWQ-10	11/13/1981	Chromium	<0.005	mg/L
GW	GWQ-1C	11/13/1981	Cyanide	0.001	mg/L
GW	GWQ-1C	11/13/1981	Fluoride	0.62	mg/L
GW	GWQ-1C	11/13/1981	Lead	<0.005	mg/L
GW	GWQ-1C	11/13/1981	Manganese	0.5	mg/L
GW	GWQ-10	11/13/1981	Mercury	<0.0005	mg/L
GW	GWQ-1C	11/13/1981	Molybdenum	<0.01	mg/L
GW	GWQ-10	11/13/1981	Nickel	<0.05	mg/L
GW	GWQ-10	11/13/1981	Nitrate as N (NO3)	1.8	mg/L
GW	GWQ-1C	11/13/1981	Selenium	0.01	mg/L
GW	GWQ-10	11/13/1981	Silver	<0.001	mg/L
GW	GWQ-10	11/13/1981	Sulfate	140.9	mg/L
GW	GWQ-1C	11/13/1981	TDS	508	mg/L
GW	GWQ-10	11/13/1981	Zinc	0.9	mg/L
GW	GWQ-1C	11/13/1981	pH	7.75	pH units
GW	GWQ-1C	11/13/1981	Conductivity	700	umhos/cm
GW	GWQ-1C	11/13/1981	Calcium	84.2	mg/L
GW	GWQ-1C	11/13/1981	Magnesium	17.45	mg/L
GW	GWQ-10	11/13/1981	Thallium	<0.005	mg/L
GW	GWQ-1C	11/13/1981	Sodium	38.1	mg/L
GW	GWQ-1C	11/13/1981	Bicarbonate	275.6	mg/L CaCO3
GW	GWQ-10	11/13/1981	Potassium	2.34	mg/L
GW	GWQ-11	11/13/1981	Aluminum	<0.05	mg/L
GW	GWQ-11	11/13/1981	Arsenic	<0.005	mg/L
GW	GWQ-11	11/13/1981	Barium	0.2	mg/L
GW	GWQ-11	11/13/1981	Boron	0.041	mg/L
GW	GWQ-11	11/13/1981	Cadmium	0.001	mg/L
GW	GWQ-11	11/13/1981	Chloride	37.64	mg/L
GW	GWQ-11	11/13/1981	Chromium	<0.005	mg/L
GW	GWQ-11	11/13/1981	Cyanide	<0.001	mg/L
GW	GWQ-11	11/13/1981	Fluoride	0.99	mg/L
GW	GWQ-11	11/13/1981	Lead	<0.005	mg/L
GW	GWQ-11	11/13/1981	Manganese	<0.05	mg/L
GW	GWQ-11	11/13/1981	Mercury	<0.0005	mg/L
GW	GWQ-11	11/13/1981	Molybdenum	0.12	mg/L
GW	GWQ-11	11/13/1981	Nickel	<0.05	mg/L
GW	GWQ-11	11/13/1981	Nitrate as N (NO3)	1.35	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	11/13/1981	Selenium	0.023	mg/L
GW	GWQ-11	11/13/1981	Silver	<0.301	mg/L
GW	GWQ-11	11/13/1981	Sulfate	155.6	mg/L
GW	GWQ-11	11/13/1981	TDS	544	mg/L
GW	GWQ-11	11/13/1981	Zinc	0.79	mg/L
GW	GWQ-11	11/13/1981	pH	7.7	pH units
GW	GWQ-11	11/13/1981	Conductivity	700	umhos/cm
GW	GWQ-11	11/13/1981	Calcium	82.6	mg/L
GW	GWQ-11	11/13/1981	Magnesium	17.2	mg/L
GW	GWQ-11	11/13/1981	Sodium	43.7	mg/L
GW	GWQ-11	11/13/1981	Bicarbonate	241.1	mg/L CaCO3
GW	GWQ-11	11/13/1981	Potassium	3.9	mg/L
GW	NP-1	11/13/1981	Aluminum	<0.25	mg/L
GW	NP-1	11/13/1981	Arsenic	<0.305	mg/L
GW	NP-1	11/13/1981	Barium	0.2	mg/L
GW	NP-1	11/13/1981	Boron	0.044	mg/L
GW	NP-1	11/13/1981	Cadmium	0.008	mg/L
GW	NP-1	11/13/1981	Chloride	24.06	mg/L
GW	NP-1	11/13/1981	Chromium	<0.005	mg/L
GW	NP-1	11/13/1981	Cyanide	0.001	mg/L
GW	NP-1	11/13/1981	Fluoride	0.85	mg/L
GW	NP-1	11/13/1981	Lead	<0.005	mg/L
GW	NP-1	11/13/1981	Manganese	1.34	mg/L
GW	NP-1	11/13/1981	Mercury	<0.0005	mg/L
GW	NP-1	11/13/1981	Molybdenum	0.011	mg/L
GW	NP-1	11/13/1981	Nickel	<0.05	mg/L
GW	NP-1	11/13/1981	Nitrate as N (NO3)	0.09	mg/L
GW	NP-1	11/13/1981	Selenium	0.028	mg/L
GW	NP-1	11/13/1981	Silver	<0.001	mg/L
GW	NP-1	11/13/1981	Sulfate	130.7	mg/L
GW	NP-1	11/13/1981	TDS	470	mg/L
GW	NP-1	11/13/1981	Zinc	0.44	mg/L
GW	NP-1	11/13/1981	pH	7.65	pH units
GW	NP-1	11/13/1981	Conductivity	625	umhos/cm
GW	NP-1	11/13/1981	Calcium	71.6	mg/L
GW	NP-1	11/13/1981	Magnesium	18.26	mg/L
GW	NP-1	11/13/1981	Sodium	39.1	mg/L
GW	NP-1	11/13/1981	Bicarbonate	274.4	mg/L CaCO3
GW	NP-1	11/13/1981	Potassium	5.85	mg/L
GW	NP-2	11/13/1981	Aluminum	<0.25	mg/L
GW	NP-2	11/13/1981	Arsenic	<0.305	mg/L
GW	NP-2	11/13/1981	Barium	<0.1	mg/L
GW	NP-2	11/13/1981	Boron	0.04	mg/L
GW	NP-2	11/13/1981	Cadmium	<0.301	mg/L
GW	NP-2	11/13/1981	Chloride	30.79	mg/L
GW	NP-2	11/13/1981	Chromium	<0.305	mg/L
GW	NP-2	11/13/1981	Cyanide	0.0026	mg/L
GW	NP-2	11/13/1981	Fluoride	1.14	mg/L
GW	NP-2	11/13/1981	Lead	<0.305	mg/L
GW	NP-2	11/13/1981	Manganese	0.79	mg/L
GW	NP-2	11/13/1981	Mercury	<0.0005	mg/L
GW	NP-2	11/13/1981	Molybdenum	0.04	mg/L
GW	NP-2	11/13/1981	Nickel	<0.01	mg/L
GW	NP-2	11/13/1981	Nitrate as N (NO3)	0.25	mg/L
GW	NP-2	11/13/1981	Selenium	0.017	mg/L
GW	NP-2	11/13/1981	Silver	<0.301	mg/L
GW	NP-2	11/13/1981	Sulfate	162.4	mg/L
GW	NP-2	11/13/1981	TDS	466	mg/L
GW	NP-2	11/13/1981	Zinc	3.18	mg/L
GW	NP-2	11/13/1981	pH	7.65	pH units
GW	NP-2	11/13/1981	Conductivity	675	umhos/cm
GW	NP-2	11/13/1981	Calcium	65.1	mg/L
GW	NP-2	11/13/1981	Magnesium	18.67	mg/L
GW	NP-2	11/13/1981	Sodium	59.8	mg/L
GW	NP-2	11/13/1981	Bicarbonate	221.5	mg/L CaCO3
GW	NP-2	11/13/1981	Potassium	3.9	mg/L
GW	NP-3	11/13/1981	Aluminum	<0.25	mg/L
GW	NP-3	11/13/1981	Arsenic	0.008	mg/L
GW	NP-3	11/13/1981	Barium	<0.1	mg/L
GW	NP-3	11/13/1981	Boron	0.054	mg/L
GW	NP-3	11/13/1981	Cadmium	<0.001	mg/L
GW	NP-3	11/13/1981	Chloride	28.71	mg/L
GW	NP-3	11/13/1981	Chromium	<0.305	mg/L
GW	NP-3	11/13/1981	Fluoride	1.39	mg/L
GW	NP-3	11/13/1981	Lead	<0.305	mg/L
GW	NP-3	11/13/1981	Manganese	1.01	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	11/13/1981	Mercury	<0.0005	mg/L
GW	NP-3	11/13/1981	Molybdenum	0.055	mg/L
GW	NP-3	11/13/1981	Nickel	<0.05	mg/L
GW	NP-3	11/13/1981	Nitrate as N (NO3)	0.18	mg/L
GW	NP-3	11/13/1981	Selenium	0.025	mg/L
GW	NP-3	11/13/1981	Silver	0.025	mg/L
GW	NP-3	11/13/1981	Sulfate	140.6	mg/L
GW	NP-3	11/13/1981	TDS	446	mg/L
GW	NP-3	11/13/1981	Zinc	1.59	mg/L
GW	NP-3	11/13/1981	pH	7.6	pH units
GW	NP-3	11/13/1981	Conductivity	600	µmhos/cm
GW	NP-3	11/13/1981	Calcium	55.2	mg/L
GW	NP-3	11/13/1981	Magnesium	13.05	mg/L
GW	NP-3	11/13/1981	Sodium	43.7	mg/L
GW	NP-3	11/13/1981	Bicarbonate	190.3	mg/L CaCO3
GW	NP-3	11/13/1981	Potassium	5.85	mg/L
GW	NP-3	11/13/1981	Aluminum	0.239	mg/L
GW	NP-3	11/13/1981	Arsenic	<0.005	mg/L
GW	NP-3	11/13/1981	Barium	0.216	mg/L
GW	NP-3	11/13/1981	Boron	0.07	mg/L
GW	NP-3	11/13/1981	Cadmium	<0.001	mg/L
GW	NP-3	11/13/1981	Chloride	37.89	mg/L
GW	NP-3	11/13/1981	Chromium	<0.005	mg/L
GW	NP-3	11/13/1981	Copper	<0.1	mg/L
GW	NP-3	11/13/1981	Cyanide	0.001	mg/L
GW	NP-3	11/13/1981	Fluoride	1.25	mg/L
GW	NP-3	11/13/1981	Lead	<0.005	mg/L
GW	NP-3	11/13/1981	Manganese	0.14	mg/L
GW	NP-3	11/13/1981	Mercury	<0.0005	mg/L
GW	NP-3	11/13/1981	Molybdenum	0.015	mg/L
GW	NP-3	11/13/1981	Nickel	0.019	mg/L
GW	NP-3	11/13/1981	Nitrate as N (NO3)	3.56	mg/L
GW	NP-3	11/13/1981	Selenium	0.014	mg/L
GW	NP-3	11/13/1981	Silver	<0.001	mg/L
GW	NP-3	11/13/1981	Sulfate	182	mg/L
GW	NP-3	11/13/1981	TDS	466	mg/L
GW	NP-3	11/13/1981	Zinc	<0.05	mg/L
GW	NP-3	11/13/1981	pH	7.7	pH units
GW	NP-3	11/13/1981	Conductivity	650	µmhos/cm
GW	NP-3	11/13/1981	Calcium	88.6	mg/L
GW	NP-3	11/13/1981	Magnesium	14.4	mg/L
GW	NP-3	11/13/1981	Sodium	43.7	mg/L
GW	NP-3	11/13/1981	Bicarbonate	188.7	mg/L CaCO3
GW	NP-3	11/13/1981	Potassium	5.07	mg/L
GW	GWQ-10	11/17/1981	Aluminum	<0.01	mg/L
GW	GWQ-10	11/17/1981	Arsenic	<0.01	mg/L
GW	GWQ-10	11/17/1981	Barium	<0.2	mg/L
GW	GWQ-10	11/17/1981	Boron	<0.1	mg/L
GW	GWQ-10	11/17/1981	Cadmium	<0.005	mg/L
GW	GWQ-10	11/17/1981	Chloride	28	mg/L
GW	GWQ-10	11/17/1981	Chromium	<0.01	mg/L
GW	GWQ-10	11/17/1981	Cobalt	<0.02	mg/L
GW	GWQ-10	11/17/1981	Copper	<0.05	mg/L
GW	GWQ-10	11/17/1981	Cyanide	<0.01	mg/L
GW	GWQ-10	11/17/1981	Fluoride	0.6	mg/L
GW	GWQ-10	11/17/1981	Iron	<0.1	mg/L
GW	GWQ-10	11/17/1981	Lead	<0.02	mg/L
GW	GWQ-10	11/17/1981	Manganese	<0.05	mg/L
GW	GWQ-10	11/17/1981	Mercury	<0.001	mg/L
GW	GWQ-10	11/17/1981	Molybdenum	<0.05	mg/L
GW	GWQ-10	11/17/1981	Nickel	<0.05	mg/L
GW	GWQ-10	11/17/1981	Nitrate as N (NO3)	1.8	mg/L
GW	GWQ-10	11/17/1981	Selenium	<0.005	mg/L
GW	GWQ-10	11/17/1981	Silver	<0.02	mg/L
GW	GWQ-10	11/17/1981	Sulfate	156	mg/L
GW	GWQ-10	11/17/1981	TDS	500	mg/L
GW	GWQ-10	11/17/1981	Zinc	0.28	mg/L
GW	GWQ-10	11/17/1981	pH	7.9	pH units
GW	GWQ-10	11/17/1981	Calcium	70	mg/L
GW	GWQ-11	11/17/1981	Aluminum	<0.01	mg/L
GW	GWQ-11	11/17/1981	Arsenic	<0.01	mg/L
GW	GWQ-11	11/17/1981	Barium	<0.2	mg/L
GW	GWQ-11	11/17/1981	Boron	<0.1	mg/L
GW	GWQ-11	11/17/1981	Cadmium	<0.005	mg/L
GW	GWQ-11	11/17/1981	Chloride	36	mg/L
GW	GWQ-11	11/17/1981	Chromium	<0.01	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	11/17/1981	Cobalt	<0.02	mg/L
GW	GWQ-11	11/17/1981	Copper	<0.05	mg/L
GW	GWQ-11	11/17/1981	Cyanide	<0.01	mg/L
GW	GWQ-11	11/17/1981	Fluoride	1	mg/L
GW	GWQ-11	11/17/1981	Iron	<0.1	mg/L
GW	GWQ-11	11/17/1981	Lead	<0.02	mg/L
GW	GWQ-11	11/17/1981	Manganese	<0.05	mg/L
GW	GWQ-11	11/17/1981	Mercury	<0.001	mg/L
GW	GWQ-11	11/17/1981	Molybdenum	<0.05	mg/L
GW	GWQ-11	11/17/1981	Nickel	<0.05	mg/L
GW	GWQ-11	11/17/1981	Nitrate as N (NO3)	1.3	mg/L
GW	GWQ-11	11/17/1981	Selenium	<0.005	mg/L
GW	GWQ-11	11/17/1981	Silver	<0.02	mg/L
GW	GWQ-11	11/17/1981	Sulfate	185	mg/L
GW	GWQ-11	11/17/1981	TDS	520	mg/L
GW	GWQ-11	11/17/1981	Zinc	0.64	mg/L
GW	GWQ-11	11/17/1981	pH	8	pH units
GW	GWQ-11	11/17/1981	Calcium	71	mg/L
GW	NP-1	11/17/1981	Aluminum	<0.01	mg/L
GW	NP-1	11/17/1981	Arsenic	<0.005	mg/L
GW	NP-1	11/17/1981	Barium	0.24	mg/L
GW	NP-1	11/17/1981	Boron	<0.1	mg/L
GW	NP-1	11/17/1981	Cadmium	<0.005	mg/L
GW	NP-1	11/17/1981	Chloride	24	mg/L
GW	NP-1	11/17/1981	Chromium	<0.01	mg/L
GW	NP-1	11/17/1981	Cobalt	<0.02	mg/L
GW	NP-1	11/17/1981	Copper	0.009	mg/L
GW	NP-1	11/17/1981	Cyanide	<0.01	mg/L
GW	NP-1	11/17/1981	Fluoride	0.8	mg/L
GW	NP-1	11/17/1981	Iron	<0.1	mg/L
GW	NP-1	11/17/1981	Lead	<0.02	mg/L
GW	NP-1	11/17/1981	Manganese	1.4	mg/L
GW	NP-1	11/17/1981	Mercury	<0.001	mg/L
GW	NP-1	11/17/1981	Molybdenum	0.05	mg/L
GW	NP-1	11/17/1981	Nickel	<0.05	mg/L
GW	NP-1	11/17/1981	Nitrate as N (NO3)	0.2	mg/L
GW	NP-1	11/17/1981	Selenium	<0.005	mg/L
GW	NP-1	11/17/1981	Silver	<0.02	mg/L
GW	NP-1	11/17/1981	Sulfate	154	mg/L
GW	NP-1	11/17/1981	TDS	480	mg/L
GW	NP-1	11/17/1981	Zinc	3.9	mg/L
GW	NP-1	11/17/1981	pH	8	pH units
GW	NP-1	11/17/1981	Calcium	59	mg/L
GW	NP-3	11/17/1981	Aluminum	<0.01	mg/L
GW	NP-3	11/17/1981	Arsenic	<0.01	mg/L
GW	NP-3	11/17/1981	Barium	0.24	mg/L
GW	NP-3	11/17/1981	Boron	<0.1	mg/L
GW	NP-3	11/17/1981	Cadmium	<0.005	mg/L
GW	NP-3	11/17/1981	Chloride	26	mg/L
GW	NP-3	11/17/1981	Chromium	<0.01	mg/L
GW	NP-3	11/17/1981	Cobalt	<0.02	mg/L
GW	NP-3	11/17/1981	Copper	<0.05	mg/L
GW	NP-3	11/17/1981	Cyanide	<0.01	mg/L
GW	NP-3	11/17/1981	Fluoride	1.4	mg/L
GW	NP-3	11/17/1981	Iron	<0.1	mg/L
GW	NP-3	11/17/1981	Lead	<0.02	mg/L
GW	NP-3	11/17/1981	Manganese	1	mg/L
GW	NP-3	11/17/1981	Mercury	<0.001	mg/L
GW	NP-3	11/17/1981	Molybdenum	0.2	mg/L
GW	NP-3	11/17/1981	Nickel	<0.05	mg/L
GW	NP-3	11/17/1981	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-3	11/17/1981	Selenium	<0.005	mg/L
GW	NP-3	11/17/1981	Silver	<0.02	mg/L
GW	NP-3	11/17/1981	Sulfate	144	mg/L
GW	NP-3	11/17/1981	TDS	390	mg/L
GW	NP-3	11/17/1981	Zinc	1.2	mg/L
GW	NP-3	11/17/1981	pH	8.1	pH units
GW	NP-3	11/17/1981	Calcium	44	mg/L
GW	NP-3	11/17/1981	Aluminum	<0.01	mg/L
GW	NP-3	11/17/1981	Arsenic	<0.01	mg/L
GW	NP-3	11/17/1981	Barium	<0.2	mg/L
GW	NP-3	11/17/1981	Boron	<0.1	mg/L
GW	NP-3	11/17/1981	Cadmium	<0.005	mg/L
GW	NP-3	11/17/1981	Chloride	42	mg/L
GW	NP-3	11/17/1981	Chromium	<0.01	mg/L
GW	NP-3	11/17/1981	Cobalt	<0.02	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	11/17/1981	Copper	<0.05	mg/L
GW	NP-5	11/17/1981	Cyanide	<0.01	mg/L
GW	NP-5	11/17/1981	Fluoride	1.3	mg/L
GW	NP-5	11/17/1981	Iron	<0.1	mg/L
GW	NP-5	11/17/1981	Lead	<0.02	mg/L
GW	NP-5	11/17/1981	Manganese	0.3	mg/L
GW	NP-5	11/17/1981	Mercury	<0.001	mg/L
GW	NP-5	11/17/1981	Molybdenum	0.07	mg/L
GW	NP-5	11/17/1981	Nickel	<0.05	mg/L
GW	NP-5	11/17/1981	Nitrate as N (NO3)	2.7	mg/L
GW	NP-5	11/17/1981	Selenium	<0.005	mg/L
GW	NP-5	11/17/1981	Silver	<0.02	mg/L
GW	NP-5	11/17/1981	Sulfate	158	mg/L
GW	NP-5	11/17/1981	TDS	500	mg/L
GW	NP-5	11/17/1981	Zinc	0.19	mg/L
GW	NP-5	11/17/1981	pH	8	pH units
GW	NP-5	11/17/1981	Calcium	72	mg/L
GW	GWQ-1C	11/23/1981	Aluminum	<0.01	mg/L
GW	GWQ-10	11/23/1981	Arsenic	<0.01	mg/L
GW	GWQ-1C	11/23/1981	Barium	<0.2	mg/L
GW	GWQ-1C	11/23/1981	Boron	<0.1	mg/L
GW	GWQ-10	11/23/1981	Cadmium	<0.005	mg/L
GW	GWQ-1C	11/23/1981	Chloride	26	mg/L
GW	GWQ-10	11/23/1981	Chromium	<0.01	mg/L
GW	GWQ-1C	11/23/1981	Cobalt	<0.02	mg/L
GW	GWQ-10	11/23/1981	Copper	<0.05	mg/L
GW	GWQ-10	11/23/1981	Cyanide	<0.01	mg/L
GW	GWQ-1C	11/23/1981	Fluoride	0.6	mg/L
GW	GWQ-10	11/23/1981	Iron	<0.1	mg/L
GW	GWQ-10	11/23/1981	Lead	<0.02	mg/L
GW	GWQ-1C	11/23/1981	Manganese	<0.05	mg/L
GW	GWQ-10	11/23/1981	Mercury	<0.001	mg/L
GW	GWQ-1C	11/23/1981	Molybdenum	<0.05	mg/L
GW	GWQ-1C	11/23/1981	Nickel	<0.05	mg/L
GW	GWQ-1C	11/23/1981	Nitrate as N (NO3)	1.8	mg/L
GW	GWQ-1C	11/23/1981	Selenium	<0.005	mg/L
GW	GWQ-10	11/23/1981	Silver	<0.02	mg/L
GW	GWQ-1C	11/23/1981	Sulfate	161	mg/L
GW	GWQ-1C	11/23/1981	TDS	650	mg/L
GW	GWQ-10	11/23/1981	Zinc	0.37	mg/L
GW	GWQ-1C	11/23/1981	pH	7.7	pH units
GW	GWQ-1C	11/23/1981	Calcium	70	mg/L
GW	GWQ-11	11/23/1981	Aluminum	<0.01	mg/L
GW	GWQ-11	11/23/1981	Arsenic	<0.01	mg/L
GW	GWQ-11	11/23/1981	Barium	<0.2	mg/L
GW	GWQ-11	11/23/1981	Boron	<0.1	mg/L
GW	GWQ-11	11/23/1981	Cadmium	<0.005	mg/L
GW	GWQ-11	11/23/1981	Chloride	36	mg/L
GW	GWQ-11	11/23/1981	Chromium	<0.01	mg/L
GW	GWQ-11	11/23/1981	Cobalt	<0.02	mg/L
GW	GWQ-11	11/23/1981	Copper	<0.05	mg/L
GW	GWQ-11	11/23/1981	Cyanide	<0.01	mg/L
GW	GWQ-11	11/23/1981	Fluoride	0.9	mg/L
GW	GWQ-11	11/23/1981	Iron	<0.1	mg/L
GW	GWQ-11	11/23/1981	Lead	<0.02	mg/L
GW	GWQ-11	11/23/1981	Manganese	<0.05	mg/L
GW	GWQ-11	11/23/1981	Mercury	<0.001	mg/L
GW	GWQ-11	11/23/1981	Molybdenum	<0.05	mg/L
GW	GWQ-11	11/23/1981	Nickel	<0.05	mg/L
GW	GWQ-11	11/23/1981	Nitrate as N (NO3)	1.7	mg/L
GW	GWQ-11	11/23/1981	Selenium	<0.005	mg/L
GW	GWQ-11	11/23/1981	Silver	<0.02	mg/L
GW	GWQ-11	11/23/1981	Sulfate	181	mg/L
GW	GWQ-11	11/23/1981	TDS	570	mg/L
GW	GWQ-11	11/23/1981	Zinc	0.53	mg/L
GW	GWQ-11	11/23/1981	pH	7.8	pH units
GW	GWQ-11	11/23/1981	Calcium	67	mg/L
GW	NP-1	11/23/1981	Aluminum	<0.01	mg/L
GW	NP-1	11/23/1981	Arsenic	<0.01	mg/L
GW	NP-1	11/23/1981	Barium	0.02	mg/L
GW	NP-1	11/23/1981	Boron	<0.1	mg/L
GW	NP-1	11/23/1981	Cadmium	<0.005	mg/L
GW	NP-1	11/23/1981	Chloride	26	mg/L
GW	NP-1	11/23/1981	Chromium	<0.02	mg/L
GW	NP-1	11/23/1981	Cobalt	<0.02	mg/L
GW	NP-1	11/23/1981	Copper	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	11/23/1981	Cyanide	<0.01	mg/L
GW	NP-1	11/23/1981	Fluoride	0.8	mg/L
GW	NP-1	11/23/1981	Iron	<0.1	mg/L
GW	NP-1	11/23/1981	Lead	<0.02	mg/L
GW	NP-1	11/23/1981	Manganese	1.2	mg/L
GW	NP-1	11/23/1981	Mercury	<0.001	mg/L
GW	NP-1	11/23/1981	Molybdenum	<0.05	mg/L
GW	NP-1	11/23/1981	Nickel	<0.05	mg/L
GW	NP-1	11/23/1981	Nitrate as N (NO3)	0.2	mg/L
GW	NP-1	11/23/1981	Selenium	<0.005	mg/L
GW	NP-1	11/23/1981	Silver	<0.02	mg/L
GW	NP-1	11/23/1981	Sulfate	148	mg/L
GW	NP-1	11/23/1981	TDS	530	mg/L
GW	NP-1	11/23/1981	Zinc	4.1	mg/L
GW	NP-1	11/23/1981	pH	7.7	pH units
GW	NP-1	11/23/1981	Calcium	55	mg/L
GW	NP-2	11/23/1981	Aluminum	<0.31	mg/L
GW	NP-2	11/23/1981	Arsenic	<0.31	mg/L
GW	NP-2	11/23/1981	Barium	0.02	mg/L
GW	NP-2	11/23/1981	Boron	<0.1	mg/L
GW	NP-2	11/23/1981	Cadmium	<0.005	mg/L
GW	NP-2	11/23/1981	Chloride	30	mg/L
GW	NP-2	11/23/1981	Chromium	<0.32	mg/L
GW	NP-2	11/23/1981	Cobalt	<0.02	mg/L
GW	NP-2	11/23/1981	Copper	<0.35	mg/L
GW	NP-2	11/23/1981	Cyanide	<0.01	mg/L
GW	NP-2	11/23/1981	Fluoride	0.9	mg/L
GW	NP-2	11/23/1981	Iron	<0.1	mg/L
GW	NP-2	11/23/1981	Lead	<0.02	mg/L
GW	NP-2	11/23/1981	Manganese	0.64	mg/L
GW	NP-2	11/23/1981	Mercury	<0.001	mg/L
GW	NP-2	11/23/1981	Molybdenum	0.08	mg/L
GW	NP-2	11/23/1981	Nickel	<0.35	mg/L
GW	NP-2	11/23/1981	Nitrate as N (NO3)	0.7	mg/L
GW	NP-2	11/23/1981	Selenium	<0.005	mg/L
GW	NP-2	11/23/1981	Silver	<0.32	mg/L
GW	NP-2	11/23/1981	Sulfate	156	mg/L
GW	NP-2	11/23/1981	TDS	520	mg/L
GW	NP-2	11/23/1981	Zinc	3.5	mg/L
GW	NP-2	11/23/1981	pH	7.7	pH units
GW	NP-2	11/23/1981	Calcium	57	mg/L
GW	NP-3	11/23/1981	Aluminum	<0.31	mg/L
GW	NP-3	11/23/1981	Arsenic	<0.31	mg/L
GW	NP-3	11/23/1981	Barium	0.02	mg/L
GW	NP-3	11/23/1981	Boron	<0.1	mg/L
GW	NP-3	11/23/1981	Cadmium	<0.005	mg/L
GW	NP-3	11/23/1981	Chloride	26	mg/L
GW	NP-3	11/23/1981	Chromium	<0.02	mg/L
GW	NP-3	11/23/1981	Cobalt	<0.32	mg/L
GW	NP-3	11/23/1981	Copper	<0.05	mg/L
GW	NP-3	11/23/1981	Cyanide	<0.01	mg/L
GW	NP-3	11/23/1981	Fluoride	1.2	mg/L
GW	NP-3	11/23/1981	Iron	<0.1	mg/L
GW	NP-3	11/23/1981	Lead	<0.02	mg/L
GW	NP-3	11/23/1981	Manganese	0.96	mg/L
GW	NP-3	11/23/1981	Mercury	<0.001	mg/L
GW	NP-3	11/23/1981	Molybdenum	0.15	mg/L
GW	NP-3	11/23/1981	Nickel	<0.05	mg/L
GW	NP-3	11/23/1981	Nitrate as N (NO3)	0.2	mg/L
GW	NP-3	11/23/1981	Selenium	<0.005	mg/L
GW	NP-3	11/23/1981	Silver	<0.01	mg/L
GW	NP-3	11/23/1981	Sulfate	144	mg/L
GW	NP-3	11/23/1981	TDS	460	mg/L
GW	NP-3	11/23/1981	Zinc	1.9	mg/L
GW	NP-3	11/23/1981	pH	7.8	pH units
GW	NP-3	11/23/1981	Calcium	47	mg/L
GW	NP-3	11/23/1981	Aluminum	<0.31	mg/L
GW	NP-5	11/23/1981	Arsenic	<0.01	mg/L
GW	NP-5	11/23/1981	Barium	<0.2	mg/L
GW	NP-5	11/23/1981	Boron	<0.1	mg/L
GW	NP-5	11/23/1981	Cadmium	<0.005	mg/L
GW	NP-5	11/23/1981	Chloride	38	mg/L
GW	NP-5	11/23/1981	Chromium	<0.32	mg/L
GW	NP-5	11/23/1981	Cobalt	<0.02	mg/L
GW	NP-5	11/23/1981	Copper	<0.35	mg/L
GW	NP-5	11/23/1981	Cyanide	<0.01	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	11/23/1981	Fluoride	1.2	mg/L
GW	NP-5	11/23/1981	Iron	<0.1	mg/L
GW	NP-5	11/23/1981	Lead	<0.02	mg/L
GW	NP-5	11/23/1981	Manganese	0.081	mg/L
GW	NP-5	11/23/1981	Mercury	<0.001	mg/L
GW	NP-5	11/23/1981	Molybdenum	<0.05	mg/L
GW	NP-5	11/23/1981	Nickel	<0.05	mg/L
GW	NP-5	11/23/1981	Nitrate as N (NO3)	4	mg/L
GW	NP-5	11/23/1981	Selenium	<0.005	mg/L
GW	NP-5	11/23/1981	Silver	<0.1	mg/L
GW	NP-5	11/23/1981	Sulfate	181	mg/L
GW	NP-5	11/23/1981	TDS	580	mg/L
GW	NP-5	11/23/1981	Zinc	0.21	mg/L
GW	NP-5	11/23/1981	pH	7.8	pH units
GW	NP-5	11/23/1981	Calcium	73	mg/L
GW	GWQ-10	12/7/1981	Aluminum	<0.01	mg/L
GW	GWQ-1C	12/7/1981	Arsenic	<0.01	mg/L
GW	GWQ-1C	12/7/1981	Barium	<0.2	mg/L
GW	GWQ-10	12/7/1981	Boron	<0.1	mg/L
GW	GWQ-1C	12/7/1981	Cadmium	<0.005	mg/L
GW	GWQ-1C	12/7/1981	Chloride	24	mg/L
GW	GWQ-10	12/7/1981	Chromium	<0.01	mg/L
GW	GWQ-1C	12/7/1981	Cobalt	<0.02	mg/L
GW	GWQ-10	12/7/1981	Copper	<0.05	mg/L
GW	GWQ-1C	12/7/1981	Cyanide	<0.01	mg/L
GW	GWQ-10	12/7/1981	Fluoride	0.5	mg/L
GW	GWQ-10	12/7/1981	Iron	<0.1	mg/L
GW	GWQ-1C	12/7/1981	Lead	<0.02	mg/L
GW	GWQ-10	12/7/1981	Manganese	<0.05	mg/L
GW	GWQ-10	12/7/1981	Mercury	<0.001	mg/L
GW	GWQ-1C	12/7/1981	Molybdenum	<0.05	mg/L
GW	GWQ-10	12/7/1981	Nickel	<0.05	mg/L
GW	GWQ-1C	12/7/1981	Nitrate as N (NO3)	1.8	mg/L
GW	GWQ-1C	12/7/1981	Selenium	<0.005	mg/L
GW	GWQ-1C	12/7/1981	Silver	<0.02	mg/L
GW	GWQ-1C	12/7/1981	Sulfate	168	mg/L
GW	GWQ-10	12/7/1981	TDS	490	mg/L
GW	GWQ-1C	12/7/1981	Zinc	0.87	mg/L
GW	GWQ-1C	12/7/1981	pH	8.2	pH units
GW	GWQ-10	12/7/1981	Calcium	67	mg/L
GW	GWQ-11	12/7/1981	Aluminum	<0.01	mg/L
GW	GWQ-11	12/7/1981	Arsenic	<0.01	mg/L
GW	GWQ-11	12/7/1981	Barium	<0.2	mg/L
GW	GWQ-11	12/7/1981	Boron	<0.1	mg/L
GW	GWQ-11	12/7/1981	Cadmium	<0.005	mg/L
GW	GWQ-11	12/7/1981	Chloride	56	mg/L
GW	GWQ-11	12/7/1981	Chromium	<0.01	mg/L
GW	GWQ-11	12/7/1981	Cobalt	<0.02	mg/L
GW	GWQ-11	12/7/1981	Copper	<0.05	mg/L
GW	GWQ-11	12/7/1981	Cyanide	<0.01	mg/L
GW	GWQ-11	12/7/1981	Fluoride	0.9	mg/L
GW	GWQ-11	12/7/1981	Iron	<0.1	mg/L
GW	GWQ-11	12/7/1981	Lead	<0.02	mg/L
GW	GWQ-11	12/7/1981	Manganese	<0.05	mg/L
GW	GWQ-11	12/7/1981	Mercury	0.0064	mg/L
GW	GWQ-11	12/7/1981	Molybdenum	<0.05	mg/L
GW	GWQ-11	12/7/1981	Nickel	<0.05	mg/L
GW	GWQ-11	12/7/1981	Nitrate as N (NO3)	1.6	mg/L
GW	GWQ-11	12/7/1981	Selenium	<0.005	mg/L
GW	GWQ-11	12/7/1981	Silver	<0.02	mg/L
GW	GWQ-11	12/7/1981	Sulfate	184	mg/L
GW	GWQ-11	12/7/1981	TDS	560	mg/L
GW	GWQ-11	12/7/1981	Zinc	1.6	mg/L
GW	GWQ-11	12/7/1981	pH	7.9	pH units
GW	GWQ-11	12/7/1981	Calcium	57	mg/L
GW	NP-1	12/7/1981	Aluminum	<0.01	mg/L
GW	NP-1	12/7/1981	Arsenic	<0.01	mg/L
GW	NP-1	12/7/1981	Barium	<0.2	mg/L
GW	NP-1	12/7/1981	Boron	<0.1	mg/L
GW	NP-1	12/7/1981	Cadmium	<0.005	mg/L
GW	NP-1	12/7/1981	Chloride	24	mg/L
GW	NP-1	12/7/1981	Chromium	<0.01	mg/L
GW	NP-1	12/7/1981	Cobalt	<0.02	mg/L
GW	NP-1	12/7/1981	Copper	<0.05	mg/L
GW	NP-1	12/7/1981	Cyanide	<0.01	mg/L
GW	NP-1	12/7/1981	Fluoride	0.8	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	12/7/1981	Iron	<0.1	mg/L
GW	NP-1	12/7/1981	Lead	<0.02	mg/L
GW	NP-1	12/7/1981	Manganese	1.2	mg/L
GW	NP-1	12/7/1981	Mercury	<0.001	mg/L
GW	NP-1	12/7/1981	Molybdenum	<0.05	mg/L
GW	NP-1	12/7/1981	Nickel	<0.05	mg/L
GW	NP-1	12/7/1981	Nitrate as N (NO3)	0.2	mg/L
GW	NP-1	12/7/1981	Selenium	<0.005	mg/L
GW	NP-1	12/7/1981	Silver	<0.02	mg/L
GW	NP-1	12/7/1981	Sulfate	158	mg/L
GW	NP-1	12/7/1981	TDS	490	mg/L
GW	NP-1	12/7/1981	Zinc	5.1	mg/L
GW	NP-1	12/7/1981	pH	7.3	pH units
GW	NP-1	12/7/1981	Calcium	58	mg/L
GW	NP-2	12/7/1981	Aluminum	<0.01	mg/L
GW	NP-2	12/7/1981	Arsenic	<0.01	mg/L
GW	NP-2	12/7/1981	Barium	<0.2	mg/L
GW	NP-2	12/7/1981	Boron	<0.1	mg/L
GW	NP-2	12/7/1981	Cadmium	<0.005	mg/L
GW	NP-2	12/7/1981	Chloride	30	mg/L
GW	NP-2	12/7/1981	Chromium	<0.01	mg/L
GW	NP-2	12/7/1981	Cobalt	<0.02	mg/L
GW	NP-2	12/7/1981	Copper	<0.05	mg/L
GW	NP-2	12/7/1981	Cyanide	<0.01	mg/L
GW	NP-2	12/7/1981	Fluoride	0.8	mg/L
GW	NP-2	12/7/1981	Iron	<0.1	mg/L
GW	NP-2	12/7/1981	Lead	<0.02	mg/L
GW	NP-2	12/7/1981	Manganese	0.54	mg/L
GW	NP-2	12/7/1981	Mercury	<0.001	mg/L
GW	NP-2	12/7/1981	Molybdenum	0.05	mg/L
GW	NP-2	12/7/1981	Nickel	<0.05	mg/L
GW	NP-2	12/7/1981	Nitrate as N (NO3)	0.6	mg/L
GW	NP-2	12/7/1981	Selenium	<0.005	mg/L
GW	NP-2	12/7/1981	Silver	<0.02	mg/L
GW	NP-2	12/7/1981	Sulfate	180	mg/L
GW	NP-2	12/7/1981	TDS	490	mg/L
GW	NP-2	12/7/1981	Zinc	4.4	mg/L
GW	NP-2	12/7/1981	pH	7.5	pH units
GW	NP-2	12/7/1981	Calcium	53	mg/L
GW	NP-3	12/7/1981	Aluminum	<0.01	mg/L
GW	NP-3	12/7/1981	Arsenic	<0.01	mg/L
GW	NP-3	12/7/1981	Barium	<0.2	mg/L
GW	NP-3	12/7/1981	Boron	<0.1	mg/L
GW	NP-3	12/7/1981	Cadmium	<0.005	mg/L
GW	NP-3	12/7/1981	Chloride	26	mg/L
GW	NP-3	12/7/1981	Chromium	<0.01	mg/L
GW	NP-3	12/7/1981	Cobalt	<0.02	mg/L
GW	NP-3	12/7/1981	Copper	<0.05	mg/L
GW	NP-3	12/7/1981	Cyanide	<0.01	mg/L
GW	NP-3	12/7/1981	Fluoride	1.1	mg/L
GW	NP-3	12/7/1981	Iron	<0.1	mg/L
GW	NP-3	12/7/1981	Lead	<0.02	mg/L
GW	NP-3	12/7/1981	Manganese	0.78	mg/L
GW	NP-3	12/7/1981	Mercury	<0.001	mg/L
GW	NP-3	12/7/1981	Molybdenum	0.15	mg/L
GW	NP-3	12/7/1981	Nickel	<0.05	mg/L
GW	NP-3	12/7/1981	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-3	12/7/1981	Selenium	<0.005	mg/L
GW	NP-3	12/7/1981	Silver	<0.02	mg/L
GW	NP-3	12/7/1981	Sulfate	153	mg/L
GW	NP-3	12/7/1981	TDS	450	mg/L
GW	NP-3	12/7/1981	Zinc	3.5	mg/L
GW	NP-3	12/7/1981	pH	7.9	pH units
GW	NP-3	12/7/1981	Calcium	47	mg/L
GW	NP-5	12/7/1981	Aluminum	<0.01	mg/L
GW	NP-5	12/7/1981	Arsenic	<0.01	mg/L
GW	NP-5	12/7/1981	Barium	<0.2	mg/L
GW	NP-5	12/7/1981	Boron	<0.1	mg/L
GW	NP-5	12/7/1981	Cadmium	<0.005	mg/L
GW	NP-5	12/7/1981	Chloride	34	mg/L
GW	NP-5	12/7/1981	Chromium	<0.01	mg/L
GW	NP-5	12/7/1981	Cobalt	<0.02	mg/L
GW	NP-5	12/7/1981	Copper	<0.05	mg/L
GW	NP-5	12/7/1981	Cyanide	<0.01	mg/L
GW	NP-5	12/7/1981	Fluoride	1.2	mg/L
GW	NP-5	12/7/1981	Iron	<0.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	12/7/1981	Lead	<0.02	mg/L
GW	NP-5	12/7/1981	Manganese	<0.05	mg/L
GW	NP-5	12/7/1981	Mercury	<0.001	mg/L
GW	NP-5	12/7/1981	Molybdenum	<0.05	mg/L
GW	NP-5	12/7/1981	Nickel	<0.05	mg/L
GW	NP-5	12/7/1981	Nitrate as N (NO3)	3.1	mg/L
GW	NP-5	12/7/1981	Selenium	<0.005	mg/L
GW	NP-5	12/7/1981	Silver	<0.02	mg/L
GW	NP-5	12/7/1981	Sulfate	172	mg/L
GW	NP-5	12/7/1981	TDS	510	mg/L
GW	NP-5	12/7/1981	Zinc	0.24	mg/L
GW	NP-5	12/7/1981	pH	7.9	pH units
GW	NP-5	12/7/1981	Calcium	66	mg/L
GW	GWQ-1C	12/15/1981	Aluminum	<0.01	mg/L
GW	GWQ-1C	12/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-10	12/15/1981	Barium	<0.2	mg/L
GW	GWQ-1C	12/15/1981	Boron	<0.1	mg/L
GW	GWQ-1C	12/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-10	12/15/1981	Chloride	24	mg/L
GW	GWQ-1C	12/15/1981	Chromium	<0.01	mg/L
GW	GWQ-1C	12/15/1981	Cobalt	<0.02	mg/L
GW	GWQ-10	12/15/1981	Copper	<0.05	mg/L
GW	GWQ-1C	12/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-10	12/15/1981	Fluoride	0.7	mg/L
GW	GWQ-1C	12/15/1981	Iron	<0.1	mg/L
GW	GWQ-10	12/15/1981	Lead	<0.02	mg/L
GW	GWQ-10	12/15/1981	Manganese	<0.05	mg/L
GW	GWQ-1C	12/15/1981	Mercury	<0.001	mg/L
GW	GWQ-10	12/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-10	12/15/1981	Nickel	<0.05	mg/L
GW	GWQ-1C	12/15/1981	Nitrate as N (NO3)	2.6	mg/L
GW	GWQ-10	12/15/1981	Selenium	<0.005	mg/L
GW	GWQ-1C	12/15/1981	Silver	<0.02	mg/L
GW	GWQ-1C	12/15/1981	Sulfate	181	mg/L
GW	GWQ-1C	12/15/1981	TDS	550	mg/L
GW	GWQ-1C	12/15/1981	Zinc	0.44	mg/L
GW	GWQ-10	12/15/1981	pH	7.9	pH units
GW	GWQ-1C	12/15/1981	Calcium	89	mg/L
GW	GWQ-11	12/15/1981	Aluminum	<0.01	mg/L
GW	GWQ-11	12/15/1981	Arsenic	<0.01	mg/L
GW	GWQ-11	12/15/1981	Barium	<0.2	mg/L
GW	GWQ-11	12/15/1981	Boron	<0.1	mg/L
GW	GWQ-11	12/15/1981	Cadmium	<0.005	mg/L
GW	GWQ-11	12/15/1981	Chloride	38	mg/L
GW	GWQ-11	12/15/1981	Chromium	<0.01	mg/L
GW	GWQ-11	12/15/1981	Cobalt	<0.02	mg/L
GW	GWQ-11	12/15/1981	Copper	<0.05	mg/L
GW	GWQ-11	12/15/1981	Cyanide	<0.01	mg/L
GW	GWQ-11	12/15/1981	Fluoride	1	mg/L
GW	GWQ-11	12/15/1981	Iron	<0.1	mg/L
GW	GWQ-11	12/15/1981	Lead	<0.02	mg/L
GW	GWQ-11	12/15/1981	Manganese	<0.05	mg/L
GW	GWQ-11	12/15/1981	Mercury	<0.001	mg/L
GW	GWQ-11	12/15/1981	Molybdenum	<0.05	mg/L
GW	GWQ-11	12/15/1981	Nickel	<0.05	mg/L
GW	GWQ-11	12/15/1981	Nitrate as N (NO3)	1.5	mg/L
GW	GWQ-11	12/15/1981	Selenium	<0.005	mg/L
GW	GWQ-11	12/15/1981	Silver	<0.02	mg/L
GW	GWQ-11	12/15/1981	Sulfate	191	mg/L
GW	GWQ-11	12/15/1981	TDS	570	mg/L
GW	GWQ-11	12/15/1981	Zinc	1.1	mg/L
GW	GWQ-11	12/15/1981	pH	7.9	pH units
GW	GWQ-11	12/15/1981	Calcium	85	mg/L
GW	NP-1	12/15/1981	Aluminum	<0.01	mg/L
GW	NP-1	12/15/1981	Arsenic	<0.01	mg/L
GW	NP-1	12/15/1981	Barium	<0.2	mg/L
GW	NP-1	12/15/1981	Boron	<0.1	mg/L
GW	NP-1	12/15/1981	Cadmium	<0.005	mg/L
GW	NP-1	12/15/1981	Chloride	24	mg/L
GW	NP-1	12/15/1981	Chromium	<0.01	mg/L
GW	NP-1	12/15/1981	Cobalt	<0.02	mg/L
GW	NP-1	12/15/1981	Copper	<0.05	mg/L
GW	NP-1	12/15/1981	Cyanide	<0.01	mg/L
GW	NP-1	12/15/1981	Fluoride	0.8	mg/L
GW	NP-1	12/15/1981	Iron	<0.1	mg/L
GW	NP-1	12/15/1981	Lead	<0.02	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	12/15/1981	Manganese	1.2	mg/L
GW	NP-1	12/15/1981	Mercury	<0.001	mg/L
GW	NP-1	12/15/1981	Molybdenum	<0.05	mg/L
GW	NP-1	12/15/1981	Nickel	<0.05	mg/L
GW	NP-1	12/15/1981	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-1	12/15/1981	Selenium	<0.005	mg/L
GW	NP-1	12/15/1981	Silver	<0.02	mg/L
GW	NP-1	12/15/1981	Sulfate	151	mg/L
GW	NP-1	12/15/1981	TDS	480	mg/L
GW	NP-1	12/15/1981	Zinc	5.3	mg/L
GW	NP-1	12/15/1981	pH	7.8	pH units
GW	NP-1	12/15/1981	Calcium	68	mg/L
GW	NP-2	12/15/1981	Aluminum	<0.31	mg/L
GW	NP-2	12/15/1981	Arsenic	<0.31	mg/L
GW	NP-2	12/15/1981	Barium	<0.2	mg/L
GW	NP-2	12/15/1981	Boron	<0.1	mg/L
GW	NP-2	12/15/1981	Cadmium	<0.005	mg/L
GW	NP-2	12/15/1981	Chloride	32	mg/L
GW	NP-2	12/15/1981	Chromium	<0.01	mg/L
GW	NP-2	12/15/1981	Cobalt	<0.02	mg/L
GW	NP-2	12/15/1981	Copper	<0.05	mg/L
GW	NP-2	12/15/1981	Cyanide	<0.01	mg/L
GW	NP-2	12/15/1981	Fluoride	0.9	mg/L
GW	NP-2	12/15/1981	Iron	<0.1	mg/L
GW	NP-2	12/15/1981	Lead	<0.02	mg/L
GW	NP-2	12/15/1981	Manganese	0.52	mg/L
GW	NP-2	12/15/1981	Mercury	<0.001	mg/L
GW	NP-2	12/15/1981	Molybdenum	0.072	mg/L
GW	NP-2	12/15/1981	Nickel	<0.05	mg/L
GW	NP-2	12/15/1981	Nitrate as N (NO3)	0.5	mg/L
GW	NP-2	12/15/1981	Selenium	<0.005	mg/L
GW	NP-2	12/15/1981	Silver	<0.02	mg/L
GW	NP-2	12/15/1981	Sulfate	181	mg/L
GW	NP-2	12/15/1981	TDS	480	mg/L
GW	NP-2	12/15/1981	Zinc	2.9	mg/L
GW	NP-2	12/15/1981	pH	8	pH units
GW	NP-2	12/15/1981	Calcium	62	mg/L
GW	NP-3	12/15/1981	Aluminum	<0.31	mg/L
GW	NP-3	12/15/1981	Arsenic	<0.31	mg/L
GW	NP-3	12/15/1981	Barium	<0.2	mg/L
GW	NP-3	12/15/1981	Boron	<0.1	mg/L
GW	NP-3	12/15/1981	Cadmium	<0.005	mg/L
GW	NP-3	12/15/1981	Chloride	28	mg/L
GW	NP-3	12/15/1981	Chromium	<0.31	mg/L
GW	NP-3	12/15/1981	Cobalt	<0.02	mg/L
GW	NP-3	12/15/1981	Copper	<0.05	mg/L
GW	NP-3	12/15/1981	Cyanide	<0.01	mg/L
GW	NP-3	12/15/1981	Fluoride	1.1	mg/L
GW	NP-3	12/15/1981	Iron	<0.1	mg/L
GW	NP-3	12/15/1981	Lead	<0.02	mg/L
GW	NP-3	12/15/1981	Manganese	0.87	mg/L
GW	NP-3	12/15/1981	Mercury	<0.001	mg/L
GW	NP-3	12/15/1981	Molybdenum	0.094	mg/L
GW	NP-3	12/15/1981	Nickel	<0.05	mg/L
GW	NP-3	12/15/1981	Nitrate as N (NO3)	0.2	mg/L
GW	NP-3	12/15/1981	Selenium	<0.005	mg/L
GW	NP-3	12/15/1981	Silver	<0.02	mg/L
GW	NP-3	12/15/1981	Sulfate	149	mg/L
GW	NP-3	12/15/1981	TDS	450	mg/L
GW	NP-3	12/15/1981	Zinc	2.5	mg/L
GW	NP-3	12/15/1981	pH	7.8	pH units
GW	NP-3	12/15/1981	Calcium	56	mg/L
GW	NP-5	12/15/1981	Aluminum	<0.31	mg/L
GW	NP-5	12/15/1981	Arsenic	<0.31	mg/L
GW	NP-5	12/15/1981	Barium	<0.2	mg/L
GW	NP-5	12/15/1981	Boron	<0.1	mg/L
GW	NP-5	12/15/1981	Cadmium	<0.005	mg/L
GW	NP-5	12/15/1981	Chloride	36	mg/L
GW	NP-5	12/15/1981	Chromium	<0.01	mg/L
GW	NP-5	12/15/1981	Cobalt	<0.02	mg/L
GW	NP-5	12/15/1981	Copper	<0.05	mg/L
GW	NP-5	12/15/1981	Cyanide	<0.01	mg/L
GW	NP-5	12/15/1981	Fluoride	1.2	mg/L
GW	NP-5	12/15/1981	Iron	<0.1	mg/L
GW	NP-5	12/15/1981	Lead	<0.02	mg/L
GW	NP-5	12/15/1981	Manganese	0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	12/15/1981	Mercury	<0.001	mg/L
GW	NP-5	12/15/1981	Molybdenum	<0.05	mg/L
GW	NP-5	12/15/1981	Nickel	<0.05	mg/L
GW	NP-5	12/15/1981	Nitrate as N (NO3)	3.3	mg/L
GW	NP-5	12/15/1981	Selenium	<0.005	mg/L
GW	NP-5	12/15/1981	Silver	<0.02	mg/L
GW	NP-5	12/15/1981	Sulfate	168	mg/L
GW	NP-5	12/15/1981	TDS	500	mg/L
GW	NP-5	12/15/1981	Zinc	0.37	mg/L
GW	NP-5	12/15/1981	pH	7.8	pH units
GW	NP-5	12/15/1981	Calcium	90	mg/L
GW	GWQ-1C	12/22/1981	Aluminum	<0.31	mg/L
GW	GWQ-1C	12/22/1981	Arsenic	<0.31	mg/L
GW	GWQ-1C	12/22/1981	Barium	<0.2	mg/L
GW	GWQ-1C	12/22/1981	Boron	<0.1	mg/L
GW	GWQ-10	12/22/1981	Cadmium	<0.005	mg/L
GW	GWQ-1C	12/22/1981	Chloride	24	mg/L
GW	GWQ-1C	12/22/1981	Chromium	<0.31	mg/L
GW	GWQ-10	12/22/1981	Cobalt	<0.02	mg/L
GW	GWQ-1C	12/22/1981	Copper	<0.05	mg/L
GW	GWQ-1C	12/22/1981	Cyanide	<0.31	mg/L
GW	GWQ-10	12/22/1981	Fluoride	0.5	mg/L
GW	GWQ-1C	12/22/1981	Iron	<0.1	mg/L
GW	GWQ-10	12/22/1981	Lead	<0.02	mg/L
GW	GWQ-1C	12/22/1981	Manganese	<0.05	mg/L
GW	GWQ-10	12/22/1981	Mercury	<0.001	mg/L
GW	GWQ-10	12/22/1981	Molybdenum	<0.05	mg/L
GW	GWQ-1C	12/22/1981	Nickel	<0.05	mg/L
GW	GWQ-10	12/22/1981	Nitrate as N (NO3)	2.5	mg/L
GW	GWQ-10	12/22/1981	Selenium	<0.005	mg/L
GW	GWQ-1C	12/22/1981	Silver	<0.02	mg/L
GW	GWQ-10	12/22/1981	Sulfate	188	mg/L
GW	GWQ-1C	12/22/1981	TDS	480	mg/L
GW	GWQ-1C	12/22/1981	Zinc	0.35	mg/L
GW	GWQ-1C	12/22/1981	pH	8.1	pH units
GW	GWQ-1C	12/22/1981	Calcium	85	mg/L
GW	GWQ-11	12/22/1981	Aluminum	<0.01	mg/L
GW	GWQ-11	12/22/1981	Arsenic	<0.31	mg/L
GW	GWQ-11	12/22/1981	Barium	<0.2	mg/L
GW	GWQ-11	12/22/1981	Boron	<0.1	mg/L
GW	GWQ-11	12/22/1981	Cadmium	<0.005	mg/L
GW	GWQ-11	12/22/1981	Chloride	40	mg/L
GW	GWQ-11	12/22/1981	Chromium	<0.31	mg/L
GW	GWQ-11	12/22/1981	Cobalt	<0.02	mg/L
GW	GWQ-11	12/22/1981	Copper	<0.05	mg/L
GW	GWQ-11	12/22/1981	Cyanide	<0.31	mg/L
GW	GWQ-11	12/22/1981	Fluoride	0.5	mg/L
GW	GWQ-11	12/22/1981	Iron	0.27	mg/L
GW	GWQ-11	12/22/1981	Lead	<0.02	mg/L
GW	GWQ-11	12/22/1981	Manganese	0.093	mg/L
GW	GWQ-11	12/22/1981	Mercury	<0.001	mg/L
GW	GWQ-11	12/22/1981	Molybdenum	<0.05	mg/L
GW	GWQ-11	12/22/1981	Nickel	<0.05	mg/L
GW	GWQ-11	12/22/1981	Nitrate as N (NO3)	1.9	mg/L
GW	GWQ-11	12/22/1981	Selenium	<0.005	mg/L
GW	GWQ-11	12/22/1981	Silver	<0.02	mg/L
GW	GWQ-11	12/22/1981	Sulfate	185	mg/L
GW	GWQ-11	12/22/1981	TDS	530	mg/L
GW	GWQ-11	12/22/1981	Zinc	0.42	mg/L
GW	GWQ-11	12/22/1981	pH	8	pH units
GW	GWQ-11	12/22/1981	Calcium	82	mg/L
GW	NP-1	12/22/1981	Aluminum	<0.31	mg/L
GW	NP-1	12/22/1981	Arsenic	<0.31	mg/L
GW	NP-1	12/22/1981	Barium	<0.2	mg/L
GW	NP-1	12/22/1981	Boron	<0.1	mg/L
GW	NP-1	12/22/1981	Cadmium	<0.005	mg/L
GW	NP-1	12/22/1981	Chloride	22	mg/L
GW	NP-1	12/22/1981	Chromium	<0.01	mg/L
GW	NP-1	12/22/1981	Cobalt	<0.02	mg/L
GW	NP-1	12/22/1981	Copper	<0.05	mg/L
GW	NP-1	12/22/1981	Cyanide	<0.01	mg/L
GW	NP-1	12/22/1981	Fluoride	0.8	mg/L
GW	NP-1	12/22/1981	Iron	<0.1	mg/L
GW	NP-1	12/22/1981	Lead	<0.02	mg/L
GW	NP-1	12/22/1981	Manganese	1	mg/L
GW	NP-1	12/22/1981	Mercury	<0.001	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	12/22/1981	Molybdenum	<0.05	mg/L
GW	NP-1	12/22/1981	Nickel	<0.05	mg/L
GW	NP-1	12/22/1981	Nitrate as N (NO3)	0.3	mg/L
GW	NP-1	12/22/1981	Selenium	<0.005	mg/L
GW	NP-1	12/22/1981	Silver	<0.02	mg/L
GW	NP-1	12/22/1981	Sulfate	149	mg/L
GW	NP-1	12/22/1981	TDS	450	mg/L
GW	NP-1	12/22/1981	Zinc	4.1	mg/L
GW	NP-1	12/22/1981	pH	7.8	pH units
GW	NP-1	12/22/1981	Calcium	65	mg/L
GW	NP-2	12/22/1981	Aluminum	<0.01	mg/L
GW	NP-2	12/22/1981	Arsenic	<0.01	mg/L
GW	NP-2	12/22/1981	Barium	0.21	mg/L
GW	NP-2	12/22/1981	Boron	<0.1	mg/L
GW	NP-2	12/22/1981	Cadmium	<0.005	mg/L
GW	NP-2	12/22/1981	Chloride	32	mg/L
GW	NP-2	12/22/1981	Chromium	<0.01	mg/L
GW	NP-2	12/22/1981	Cobalt	<0.02	mg/L
GW	NP-2	12/22/1981	Copper	<0.05	mg/L
GW	NP-2	12/22/1981	Cyanide	<0.01	mg/L
GW	NP-2	12/22/1981	Fluoride	0.6	mg/L
GW	NP-2	12/22/1981	Iron	0.12	mg/L
GW	NP-2	12/22/1981	Lead	<0.02	mg/L
GW	NP-2	12/22/1981	Manganese	0.51	mg/L
GW	NP-2	12/22/1981	Mercury	<0.001	mg/L
GW	NP-2	12/22/1981	Molybdenum	0.053	mg/L
GW	NP-2	12/22/1981	Nickel	<0.05	mg/L
GW	NP-2	12/22/1981	Nitrate as N (NO3)	0.8	mg/L
GW	NP-2	12/22/1981	Selenium	<0.005	mg/L
GW	NP-2	12/22/1981	Silver	<0.02	mg/L
GW	NP-2	12/22/1981	Sulfate	161	mg/L
GW	NP-2	12/22/1981	TDS	440	mg/L
GW	NP-2	12/22/1981	Zinc	2.8	mg/L
GW	NP-2	12/22/1981	pH	8	pH units
GW	NP-2	12/22/1981	Calcium	73	mg/L
GW	NP-3	12/22/1981	Aluminum	<0.01	mg/L
GW	NP-3	12/22/1981	Arsenic	<0.01	mg/L
GW	NP-3	12/22/1981	Barium	<0.2	mg/L
GW	NP-3	12/22/1981	Boron	<0.1	mg/L
GW	NP-3	12/22/1981	Cadmium	<0.005	mg/L
GW	NP-3	12/22/1981	Chloride	26	mg/L
GW	NP-3	12/22/1981	Chromium	<0.01	mg/L
GW	NP-3	12/22/1981	Cobalt	<0.02	mg/L
GW	NP-3	12/22/1981	Copper	<0.05	mg/L
GW	NP-3	12/22/1981	Cyanide	<0.01	mg/L
GW	NP-3	12/22/1981	Fluoride	0.9	mg/L
GW	NP-3	12/22/1981	Iron	<0.1	mg/L
GW	NP-3	12/22/1981	Lead	<0.02	mg/L
GW	NP-3	12/22/1981	Manganese	0.76	mg/L
GW	NP-3	12/22/1981	Mercury	<0.001	mg/L
GW	NP-3	12/22/1981	Molybdenum	0.1	mg/L
GW	NP-3	12/22/1981	Nickel	<0.05	mg/L
GW	NP-3	12/22/1981	Nitrate as N (NO3)	0.2	mg/L
GW	NP-3	12/22/1981	Selenium	<0.005	mg/L
GW	NP-3	12/22/1981	Silver	<0.02	mg/L
GW	NP-3	12/22/1981	Sulfate	149	mg/L
GW	NP-3	12/22/1981	TDS	410	mg/L
GW	NP-3	12/22/1981	Zinc	2.1	mg/L
GW	NP-3	12/22/1981	pH	7.9	pH units
GW	NP-3	12/22/1981	Calcium	73	mg/L
GW	NP-5	12/22/1981	Aluminum	<0.01	mg/L
GW	NP-5	12/22/1981	Arsenic	<0.01	mg/L
GW	NP-5	12/22/1981	Barium	<0.2	mg/L
GW	NP-5	12/22/1981	Boron	<0.1	mg/L
GW	NP-5	12/22/1981	Cadmium	<0.005	mg/L
GW	NP-5	12/22/1981	Chloride	36	mg/L
GW	NP-5	12/22/1981	Chromium	<0.01	mg/L
GW	NP-5	12/22/1981	Cobalt	<0.02	mg/L
GW	NP-5	12/22/1981	Copper	<0.05	mg/L
GW	NP-5	12/22/1981	Cyanide	<0.01	mg/L
GW	NP-5	12/22/1981	Fluoride	1.1	mg/L
GW	NP-5	12/22/1981	Iron	<0.1	mg/L
GW	NP-5	12/22/1981	Lead	<0.02	mg/L
GW	NP-5	12/22/1981	Manganese	<0.05	mg/L
GW	NP-5	12/22/1981	Mercury	<0.001	mg/L
GW	NP-5	12/22/1981	Molybdenum	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	12/22/1981	Nickel	<0.05	mg/L
GW	NP-5	12/22/1981	Nitrate as N (NO3)	3.8	mg/L
GW	NP-5	12/22/1981	Selenium	<0.005	mg/L
GW	NP-5	12/22/1981	Silver	<0.02	mg/L
GW	NP-5	12/22/1981	Sulfate	161	mg/L
GW	NP-5	12/22/1981	TDS	460	mg/L
GW	NP-5	12/22/1981	Zinc	0.32	mg/L
GW	NP-5	12/22/1981	pH	7.9	pH units
GW	NP-5	12/22/1981	Calcium	101	mg/L
GW	GWQ-1C	1/5/1982	Aluminum	<0.31	mg/L
GW	GWQ-10	1/5/1982	Arsenic	<0.01	mg/L
GW	GWQ-1C	1/5/1982	Barium	<0.2	mg/L
GW	GWQ-1C	1/5/1982	Boron	<0.1	mg/L
GW	GWQ-1C	1/5/1982	Cadmium	<0.005	mg/L
GW	GWQ-1C	1/5/1982	Chloride	22	mg/L
GW	GWQ-10	1/5/1982	Chromium	<0.01	mg/L
GW	GWQ-1C	1/5/1982	Cobalt	<0.32	mg/L
GW	GWQ-1C	1/5/1982	Copper	<0.35	mg/L
GW	GWQ-10	1/5/1982	Cyanide	<0.01	mg/L
GW	GWQ-1C	1/5/1982	Fluoride	0.6	mg/L
GW	GWQ-1C	1/5/1982	Iron	0.15	mg/L
GW	GWQ-10	1/5/1982	Lead	<0.02	mg/L
GW	GWQ-1C	1/5/1982	Manganese	<0.35	mg/L
GW	GWQ-10	1/5/1982	Mercury	<0.001	mg/L
GW	GWQ-1C	1/5/1982	Molybdenum	<0.35	mg/L
GW	GWQ-10	1/5/1982	Nickel	<0.05	mg/L
GW	GWQ-10	1/5/1982	Nitrate as N (NO3)	2.9	mg/L
GW	GWQ-1C	1/5/1982	Selenium	<0.005	mg/L
GW	GWQ-10	1/5/1982	Silver	<0.02	mg/L
GW	GWQ-10	1/5/1982	Sulfate	174	mg/L
GW	GWQ-1C	1/5/1982	TDS	430	mg/L
GW	GWQ-10	1/5/1982	Zinc	0.31	mg/L
GW	GWQ-1C	1/5/1982	pH	7.5	pH units
GW	GWQ-1C	1/5/1982	Calcium	80	mg/L
GW	GWQ-11	1/5/1982	Aluminum	<0.31	mg/L
GW	GWQ-11	1/5/1982	Arsenic	<0.01	mg/L
GW	GWQ-11	1/5/1982	Barium	<0.2	mg/L
GW	GWQ-11	1/5/1982	Boron	<0.1	mg/L
GW	GWQ-11	1/5/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	1/5/1982	Chloride	40	mg/L
GW	GWQ-11	1/5/1982	Chromium	<0.01	mg/L
GW	GWQ-11	1/5/1982	Cobalt	<0.32	mg/L
GW	GWQ-11	1/5/1982	Copper	<0.35	mg/L
GW	GWQ-11	1/5/1982	Cyanide	<0.01	mg/L
GW	GWQ-11	1/5/1982	Fluoride	1	mg/L
GW	GWQ-11	1/5/1982	Iron	0.14	mg/L
GW	GWQ-11	1/5/1982	Lead	<0.02	mg/L
GW	GWQ-11	1/5/1982	Manganese	<0.05	mg/L
GW	GWQ-11	1/5/1982	Mercury	<0.001	mg/L
GW	GWQ-11	1/5/1982	Molybdenum	<0.05	mg/L
GW	GWQ-11	1/5/1982	Nickel	<0.05	mg/L
GW	GWQ-11	1/5/1982	Nitrate as N (NO3)	2.5	mg/L
GW	GWQ-11	1/5/1982	Selenium	<0.005	mg/L
GW	GWQ-11	1/5/1982	Silver	<0.02	mg/L
GW	GWQ-11	1/5/1982	Sulfate	174	mg/L
GW	GWQ-11	1/5/1982	TDS	480	mg/L
GW	GWQ-11	1/5/1982	Zinc	0.44	mg/L
GW	GWQ-11	1/5/1982	pH	7.5	pH units
GW	GWQ-11	1/5/1982	Calcium	79	mg/L
GW	NP-1	1/5/1982	Aluminum	<0.31	mg/L
GW	NP-1	1/5/1982	Arsenic	<0.01	mg/L
GW	NP-1	1/5/1982	Barium	<0.2	mg/L
GW	NP-1	1/5/1982	Boron	<0.1	mg/L
GW	NP-1	1/5/1982	Cadmium	<0.005	mg/L
GW	NP-1	1/5/1982	Chloride	22	mg/L
GW	NP-1	1/5/1982	Chromium	<0.01	mg/L
GW	NP-1	1/5/1982	Cobalt	<0.32	mg/L
GW	NP-1	1/5/1982	Copper	<0.35	mg/L
GW	NP-1	1/5/1982	Cyanide	<0.01	mg/L
GW	NP-1	1/5/1982	Fluoride	0.8	mg/L
GW	NP-1	1/5/1982	Iron	0.14	mg/L
GW	NP-1	1/5/1982	Lead	<0.02	mg/L
GW	NP-1	1/5/1982	Manganese	0.71	mg/L
GW	NP-1	1/5/1982	Mercury	<0.001	mg/L
GW	NP-1	1/5/1982	Molybdenum	<0.05	mg/L
GW	NP-1	1/5/1982	Nickel	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	1/5/1982	Nitrate as N (NO3)	0.7	mg/L
GW	NP-1	1/5/1982	Selenium	<0.02	mg/L
GW	NP-1	1/5/1982	Silver	<0.02	mg/L
GW	NP-1	1/5/1982	Sulfate	183	mg/L
GW	NP-1	1/5/1982	TDS	400	mg/L
GW	NP-1	1/5/1982	Zinc	4.1	mg/L
GW	NP-1	1/5/1982	pH	7.6	pH units
GW	NP-1	1/5/1982	Calcium	67	mg/L
GW	NP-2	1/5/1982	Aluminum	<0.01	mg/L
GW	NP-2	1/5/1982	Arsenic	<0.01	mg/L
GW	NP-2	1/5/1982	Barium	<0.2	mg/L
GW	NP-2	1/5/1982	Boron	<0.1	mg/L
GW	NP-2	1/5/1982	Cadmium	<0.005	mg/L
GW	NP-2	1/5/1982	Chloride	26	mg/L
GW	NP-2	1/5/1982	Chromium	<0.01	mg/L
GW	NP-2	1/5/1982	Cobalt	<0.02	mg/L
GW	NP-2	1/5/1982	Copper	<0.05	mg/L
GW	NP-2	1/5/1982	Cyanide	<0.01	mg/L
GW	NP-2	1/5/1982	Fluoride	0.9	mg/L
GW	NP-2	1/5/1982	Iron	0.14	mg/L
GW	NP-2	1/5/1982	Lead	<0.02	mg/L
GW	NP-2	1/5/1982	Manganese	0.49	mg/L
GW	NP-2	1/5/1982	Mercury	<0.001	mg/L
GW	NP-2	1/5/1982	Molybdenum	0.07	mg/L
GW	NP-2	1/5/1982	Nickel	<0.05	mg/L
GW	NP-2	1/5/1982	Nitrate as N (NO3)	0.9	mg/L
GW	NP-2	1/5/1982	Selenium	<0.02	mg/L
GW	NP-2	1/5/1982	Silver	<0.02	mg/L
GW	NP-2	1/5/1982	Sulfate	158	mg/L
GW	NP-2	1/5/1982	TDS	400	mg/L
GW	NP-2	1/5/1982	Zinc	3.2	mg/L
GW	NP-2	1/5/1982	pH	7.6	pH units
GW	NP-2	1/5/1982	Calcium	66	mg/L
GW	NP-3	1/5/1982	Aluminum	<0.01	mg/L
GW	NP-3	1/5/1982	Arsenic	<0.01	mg/L
GW	NP-3	1/5/1982	Barium	<0.2	mg/L
GW	NP-3	1/5/1982	Boron	<0.1	mg/L
GW	NP-3	1/5/1982	Cadmium	<0.005	mg/L
GW	NP-3	1/5/1982	Chloride	26	mg/L
GW	NP-3	1/5/1982	Chromium	<0.01	mg/L
GW	NP-3	1/5/1982	Cobalt	<0.02	mg/L
GW	NP-3	1/5/1982	Copper	<0.05	mg/L
GW	NP-3	1/5/1982	Cyanide	<0.01	mg/L
GW	NP-3	1/5/1982	Fluoride	1.1	mg/L
GW	NP-3	1/5/1982	Iron	0.31	mg/L
GW	NP-3	1/5/1982	Lead	<0.02	mg/L
GW	NP-3	1/5/1982	Manganese	0.72	mg/L
GW	NP-3	1/5/1982	Mercury	<0.001	mg/L
GW	NP-3	1/5/1982	Molybdenum	0.01	mg/L
GW	NP-3	1/5/1982	Nickel	<0.05	mg/L
GW	NP-3	1/5/1982	Nitrate as N (NO3)	0.2	mg/L
GW	NP-3	1/5/1982	Selenium	<0.02	mg/L
GW	NP-3	1/5/1982	Silver	<0.02	mg/L
GW	NP-3	1/5/1982	Sulfate	154	mg/L
GW	NP-3	1/5/1982	TDS	360	mg/L
GW	NP-3	1/5/1982	Zinc	1.7	mg/L
GW	NP-3	1/5/1982	pH	7.7	pH units
GW	NP-5	1/5/1982	Calcium	56	mg/L
GW	NP-5	1/5/1982	Aluminum	<0.01	mg/L
GW	NP-5	1/5/1982	Arsenic	<0.01	mg/L
GW	NP-5	1/5/1982	Barium	<0.2	mg/L
GW	NP-5	1/5/1982	Boron	<0.1	mg/L
GW	NP-5	1/5/1982	Cadmium	<0.005	mg/L
GW	NP-5	1/5/1982	Chloride	34	mg/L
GW	NP-5	1/5/1982	Chromium	<0.01	mg/L
GW	NP-5	1/5/1982	Cobalt	<0.02	mg/L
GW	NP-5	1/5/1982	Copper	<0.05	mg/L
GW	NP-5	1/5/1982	Cyanide	<0.01	mg/L
GW	NP-5	1/5/1982	Fluoride	1.1	mg/L
GW	NP-5	1/5/1982	Iron	0.16	mg/L
GW	NP-5	1/5/1982	Lead	<0.02	mg/L
GW	NP-5	1/5/1982	Manganese	<0.05	mg/L
GW	NP-5	1/5/1982	Mercury	<0.001	mg/L
GW	NP-5	1/5/1982	Molybdenum	<0.05	mg/L
GW	NP-5	1/5/1982	Nickel	<0.05	mg/L
GW	NP-5	1/5/1982	Nitrate as N (NO3)	4.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	1/5/1982	Selenium	<0.02	mg/L
GW	NP-5	1/5/1982	Silver	<0.32	mg/L
GW	NP-5	1/5/1982	Sulfate	163	mg/L
GW	NP-5	1/5/1982	TDS	420	mg/L
GW	NP-5	1/5/1982	Zinc	0.4	mg/L
GW	NP-5	1/5/1982	pH	7.7	pH units
GW	NP-5	1/5/1982	Calcium	87	mg/L
GW	GWQ-10	1/26/1982	Cadmium	<0.005	mg/L
GW	GWQ-10	1/26/1982	Chloride	24	mg/L
GW	GWQ-10	1/26/1982	Copper	<0.35	mg/L
GW	GWQ-10	1/26/1982	Cyanide	<0.01	mg/L
GW	GWQ-10	1/26/1982	Fluoride	0.6	mg/L
GW	GWQ-10	1/26/1982	Iron	<0.1	mg/L
GW	GWQ-10	1/26/1982	Manganese	<0.35	mg/L
GW	GWQ-10	1/26/1982	Mercury	<0.001	mg/L
GW	GWQ-10	1/26/1982	Molybdenum	<0.1	mg/L
GW	GWQ-10	1/26/1982	Nitrate as N (NO3)	2.3	mg/L
GW	GWQ-10	1/26/1982	Selenium	<0.005	mg/L
GW	GWQ-10	1/26/1982	Sulfate	152	mg/L
GW	GWQ-10	1/26/1982	TDS	490	mg/L
GW	GWQ-10	1/26/1982	pH	7.8	pH units
GW	GWQ-11	1/26/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	1/26/1982	Chloride	40	mg/L
GW	GWQ-11	1/26/1982	Copper	<0.05	mg/L
GW	GWQ-11	1/26/1982	Cyanide	<0.31	mg/L
GW	GWQ-11	1/26/1982	Fluoride	1	mg/L
GW	GWQ-11	1/26/1982	Iron	<0.1	mg/L
GW	GWQ-11	1/26/1982	Manganese	<0.35	mg/L
GW	GWQ-11	1/26/1982	Mercury	<0.001	mg/L
GW	GWQ-11	1/26/1982	Molybdenum	<0.1	mg/L
GW	GWQ-11	1/26/1982	Nitrate as N (NO3)	1.7	mg/L
GW	GWQ-11	1/26/1982	Selenium	<0.005	mg/L
GW	GWQ-11	1/26/1982	Sulfate	188	mg/L
GW	GWQ-11	1/26/1982	TDS	500	mg/L
GW	GWQ-11	1/26/1982	pH	7.9	pH units
GW	NP-1	1/26/1982	Cadmium	<0.005	mg/L
GW	NP-1	1/26/1982	Chloride	22	mg/L
GW	NP-1	1/26/1982	Copper	<0.35	mg/L
GW	NP-1	1/26/1982	Cyanide	<0.31	mg/L
GW	NP-1	1/26/1982	Fluoride	0.7	mg/L
GW	NP-1	1/26/1982	Iron	<0.1	mg/L
GW	NP-1	1/26/1982	Manganese	0.45	mg/L
GW	NP-1	1/26/1982	Mercury	<0.001	mg/L
GW	NP-1	1/26/1982	Molybdenum	<0.1	mg/L
GW	NP-1	1/26/1982	Nitrate as N (NO3)	0.5	mg/L
GW	NP-1	1/26/1982	Selenium	<0.005	mg/L
GW	NP-1	1/26/1982	Sulfate	154	mg/L
GW	NP-1	1/26/1982	TDS	440	mg/L
GW	NP-1	1/26/1982	pH	7.9	pH units
GW	NP-2	1/26/1982	Cadmium	<0.005	mg/L
GW	NP-2	1/26/1982	Chloride	24	mg/L
GW	NP-2	1/26/1982	Copper	<0.35	mg/L
GW	NP-2	1/26/1982	Cyanide	<0.01	mg/L
GW	NP-2	1/26/1982	Fluoride	0.7	mg/L
GW	NP-2	1/26/1982	Iron	<0.1	mg/L
GW	NP-2	1/26/1982	Manganese	0.34	mg/L
GW	NP-2	1/26/1982	Mercury	<0.001	mg/L
GW	NP-2	1/26/1982	Molybdenum	<0.1	mg/L
GW	NP-2	1/26/1982	Nitrate as N (NO3)	1.1	mg/L
GW	NP-2	1/26/1982	Selenium	<0.005	mg/L
GW	NP-2	1/26/1982	Sulfate	180	mg/L
GW	NP-2	1/26/1982	TDS	450	mg/L
GW	NP-2	1/26/1982	pH	8	pH units
GW	NP-3	1/26/1982	Cadmium	<0.005	mg/L
GW	NP-3	1/26/1982	Chloride	30	mg/L
GW	NP-3	1/26/1982	Copper	<0.05	mg/L
GW	NP-3	1/26/1982	Cyanide	<0.31	mg/L
GW	NP-3	1/26/1982	Fluoride	1	mg/L
GW	NP-3	1/26/1982	Iron	<0.1	mg/L
GW	NP-3	1/26/1982	Manganese	0.7	mg/L
GW	NP-3	1/26/1982	Mercury	<0.001	mg/L
GW	NP-3	1/26/1982	Molybdenum	<0.1	mg/L
GW	NP-3	1/26/1982	Nitrate as N (NO3)	0.2	mg/L
GW	NP-3	1/26/1982	Selenium	<0.005	mg/L
GW	NP-3	1/26/1982	Sulfate	151	mg/L
GW	NP-3	1/26/1982	TDS	400	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	1/26/1982	pH	8.1	pH units
GW	NP-5	1/26/1982	Cadmium	<0.305	mg/L
GW	NP-5	1/26/1982	Chloride	32	mg/L
GW	NP-5	1/26/1982	Copper	<0.35	mg/L
GW	NP-5	1/26/1982	Cyanide	<0.01	mg/L
GW	NP-5	1/26/1982	Fluoride	1.1	mg/L
GW	NP-5	1/26/1982	Iron	<0.31	mg/L
GW	NP-5	1/26/1982	Manganese	<0.05	mg/L
GW	NP-5	1/26/1982	Mercury	<0.001	mg/L
GW	NP-5	1/26/1982	Molybdenum	<0.1	mg/L
GW	NP-5	1/26/1982	Nitrate as N (NO3)	2.9	mg/L
GW	NP-5	1/26/1982	Selenium	<0.305	mg/L
GW	NP-5	1/26/1982	Sulfate	158	mg/L
GW	NP-5	1/26/1982	TDS	440	mg/L
GW	NP-5	1/26/1982	pH	8	pH units
GW	GWQ-10	2/22/1982	Cadmium	<0.005	mg/L
GW	GWQ-10	2/22/1982	Chloride	24	mg/L
GW	GWQ-10	2/22/1982	Copper	<0.35	mg/L
GW	GWQ-10	2/22/1982	Cyanide	<0.01	mg/L
GW	GWQ-10	2/22/1982	Fluoride	0.6	mg/L
GW	GWQ-10	2/22/1982	Iron	0.12	mg/L
GW	GWQ-10	2/22/1982	Manganese	<0.05	mg/L
GW	GWQ-10	2/22/1982	Mercury	<0.001	mg/L
GW	GWQ-10	2/22/1982	Molybdenum	<0.05	mg/L
GW	GWQ-10	2/22/1982	Nitrate as N (NO3)	2.1	mg/L
GW	GWQ-10	2/22/1982	Selenium	<0.005	mg/L
GW	GWQ-10	2/22/1982	Sulfate	161	mg/L
GW	GWQ-10	2/22/1982	TDS	510	mg/L
GW	GWQ-10	2/22/1982	pH	7.6	pH units
GW	GWQ-11	2/22/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	2/22/1982	Chloride	38	mg/L
GW	GWQ-11	2/22/1982	Copper	<0.05	mg/L
GW	GWQ-11	2/22/1982	Cyanide	<0.31	mg/L
GW	GWQ-11	2/22/1982	Fluoride	0.9	mg/L
GW	GWQ-11	2/22/1982	Iron	0.11	mg/L
GW	GWQ-11	2/22/1982	Manganese	<0.35	mg/L
GW	GWQ-11	2/22/1982	Mercury	<0.001	mg/L
GW	GWQ-11	2/22/1982	Molybdenum	<0.35	mg/L
GW	GWQ-11	2/22/1982	Nitrate as N (NO3)	1.4	mg/L
GW	GWQ-11	2/22/1982	Selenium	<0.005	mg/L
GW	GWQ-11	2/22/1982	Sulfate	168	mg/L
GW	GWQ-11	2/22/1982	TDS	510	mg/L
GW	GWQ-11	2/22/1982	pH	7.7	pH units
GW	NP-1	2/22/1982	Cadmium	<0.305	mg/L
GW	NP-1	2/22/1982	Chloride	24	mg/L
GW	NP-1	2/22/1982	Copper	0.46	mg/L
GW	NP-1	2/22/1982	Cyanide	<0.01	mg/L
GW	NP-1	2/22/1982	Fluoride	0.7	mg/L
GW	NP-1	2/22/1982	Iron	0.83	mg/L
GW	NP-1	2/22/1982	Manganese	0.26	mg/L
GW	NP-1	2/22/1982	Mercury	<0.001	mg/L
GW	NP-1	2/22/1982	Molybdenum	<0.35	mg/L
GW	NP-1	2/22/1982	Nitrate as N (NO3)	0.6	mg/L
GW	NP-1	2/22/1982	Selenium	<0.305	mg/L
GW	NP-1	2/22/1982	Sulfate	158	mg/L
GW	NP-1	2/22/1982	TDS	460	mg/L
GW	NP-1	2/22/1982	pH	7.9	pH units
GW	NP-2	2/22/1982	Cadmium	<0.005	mg/L
GW	NP-2	2/22/1982	Chloride	30	mg/L
GW	NP-2	2/22/1982	Copper	0.069	mg/L
GW	NP-2	2/22/1982	Cyanide	<0.01	mg/L
GW	NP-2	2/22/1982	Fluoride	0.7	mg/L
GW	NP-2	2/22/1982	Iron	0.37	mg/L
GW	NP-2	2/22/1982	Manganese	0.3	mg/L
GW	NP-2	2/22/1982	Mercury	<0.001	mg/L
GW	NP-2	2/22/1982	Molybdenum	<0.05	mg/L
GW	NP-2	2/22/1982	Nitrate as N (NO3)	0.8	mg/L
GW	NP-2	2/22/1982	Selenium	<0.005	mg/L
GW	NP-2	2/22/1982	Sulfate	151	mg/L
GW	NP-2	2/22/1982	TDS	440	mg/L
GW	NP-2	2/22/1982	pH	8	pH units
GW	NP-3	2/22/1982	Cadmium	<0.005	mg/L
GW	NP-3	2/22/1982	Chloride	28	mg/L
GW	NP-3	2/22/1982	Copper	<0.05	mg/L
GW	NP-3	2/22/1982	Cyanide	<0.31	mg/L
GW	NP-3	2/22/1982	Fluoride	0.9	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	2/22/1982	Iron	0.14	mg/L
GW	NP-3	2/22/1982	Manganese	0.66	mg/L
GW	NP-3	2/22/1982	Mercury	<0.001	mg/L
GW	NP-3	2/22/1982	Molybdenum	<0.05	mg/L
GW	NP-3	2/22/1982	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-3	2/22/1982	Selenium	<0.005	mg/L
GW	NP-3	2/22/1982	Sulfate	137	mg/L
GW	NP-3	2/22/1982	TDS	420	mg/L
GW	NP-3	2/22/1982	pH	8	pH units
GW	NP-5	2/22/1982	Cadmium	<0.005	mg/L
GW	NP-5	2/22/1982	Chloride	32	mg/L
GW	NP-5	2/22/1982	Copper	<0.05	mg/L
GW	NP-5	2/22/1982	Cyanide	<0.01	mg/L
GW	NP-5	2/22/1982	Fluoride	1	mg/L
GW	NP-5	2/22/1982	Iron	0.12	mg/L
GW	NP-5	2/22/1982	Manganese	<0.05	mg/L
GW	NP-5	2/22/1982	Mercury	<0.001	mg/L
GW	NP-5	2/22/1982	Molybdenum	<0.05	mg/L
GW	NP-5	2/22/1982	Nitrate as N (NO3)	2	mg/L
GW	NP-5	2/22/1982	Selenium	<0.005	mg/L
GW	NP-5	2/22/1982	Sulfate	150	mg/L
GW	NP-5	2/22/1982	TDS	450	mg/L
GW	NP-5	2/22/1982	pH	8	pH units
GW	GWQ-1	2/25/1982	Cadmium	<0.005	mg/L
GW	GWQ-1	2/25/1982	Chloride	22	mg/L
GW	GWQ-1	2/25/1982	Copper	<0.05	mg/L
GW	GWQ-1	2/25/1982	Cyanide	<0.01	mg/L
GW	GWQ-1	2/25/1982	Fluoride	0.3	mg/L
GW	GWQ-1	2/25/1982	Iron	0.14	mg/L
GW	GWQ-1	2/25/1982	Manganese	0.063	mg/L
GW	GWQ-1	2/25/1982	Mercury	<0.001	mg/L
GW	GWQ-1	2/25/1982	Molybdenum	<0.05	mg/L
GW	GWQ-1	2/25/1982	Nitrate as N (NO3)	0.2	mg/L
GW	GWQ-1	2/25/1982	Selenium	<0.005	mg/L
GW	GWQ-1	2/25/1982	Sulfate	94	mg/L
GW	GWQ-1	2/25/1982	TDS	440	mg/L
GW	GWQ-1	2/25/1982	pH	7.9	pH units
GW	GWQ-3	2/25/1982	Cadmium	<0.005	mg/L
GW	GWQ-3	2/25/1982	Chloride	56	mg/L
GW	GWQ-3	2/25/1982	Copper	<0.05	mg/L
GW	GWQ-3	2/25/1982	Cyanide	<0.01	mg/L
GW	GWQ-3	2/25/1982	Fluoride	0.6	mg/L
GW	GWQ-3	2/25/1982	Iron	<0.1	mg/L
GW	GWQ-3	2/25/1982	Manganese	<0.05	mg/L
GW	GWQ-3	2/25/1982	Mercury	<0.001	mg/L
GW	GWQ-3	2/25/1982	Molybdenum	<0.05	mg/L
GW	GWQ-3	2/25/1982	Nitrate as N (NO3)	0.4	mg/L
GW	GWQ-3	2/25/1982	Selenium	<0.005	mg/L
GW	GWQ-3	2/25/1982	Sulfate	490	mg/L
GW	GWQ-3	2/25/1982	TDS	1040	mg/L
GW	GWQ-3	2/25/1982	pH	7.9	pH units
GW	GWQ-6	2/25/1982	Cadmium	<0.005	mg/L
GW	GWQ-6	2/25/1982	Chloride	102	mg/L
GW	GWQ-6	2/25/1982	Copper	<0.05	mg/L
GW	GWQ-6	2/25/1982	Cyanide	<0.01	mg/L
GW	GWQ-6	2/25/1982	Fluoride	1.1	mg/L
GW	GWQ-6	2/25/1982	Iron	<0.1	mg/L
GW	GWQ-6	2/25/1982	Manganese	<0.05	mg/L
GW	GWQ-6	2/25/1982	Mercury	<0.001	mg/L
GW	GWQ-6	2/25/1982	Molybdenum	<0.05	mg/L
GW	GWQ-6	2/25/1982	Nitrate as N (NO3)	0.6	mg/L
GW	GWQ-6	2/25/1982	Selenium	<0.005	mg/L
GW	GWQ-6	2/25/1982	Sulfate	220	mg/L
GW	GWQ-6	2/25/1982	TDS	910	mg/L
GW	GWQ-6	2/25/1982	pH	8.3	pH units
GW	GWQ-7	2/25/1982	Cadmium	<0.005	mg/L
GW	GWQ-7	2/25/1982	Chloride	26	mg/L
GW	GWQ-7	2/25/1982	Copper	<0.05	mg/L
GW	GWQ-7	2/25/1982	Cyanide	<0.01	mg/L
GW	GWQ-7	2/25/1982	Fluoride	0.5	mg/L
GW	GWQ-7	2/25/1982	Iron	0.17	mg/L
GW	GWQ-7	2/25/1982	Manganese	<0.05	mg/L
GW	GWQ-7	2/25/1982	Mercury	<0.001	mg/L
GW	GWQ-7	2/25/1982	Molybdenum	<0.05	mg/L
GW	GWQ-7	2/25/1982	Nitrate as N (NO3)	0.8	mg/L
GW	GWQ-7	2/25/1982	Selenium	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-7	2/25/1982	Sulfate	182	mg/L
GW	GWQ-7	2/25/1982	TDS	510	mg/L
GW	GWQ-7	2/25/1982	pH	8	pH units
GW	GWQ-8	2/25/1982	Cadmium	<0.005	mg/L
GW	GWQ-8	2/25/1982	Chloride	38	mg/L
GW	GWQ-8	2/25/1982	Copper	<0.05	mg/L
GW	GWQ-8	2/25/1982	Cyanide	<0.01	mg/L
GW	GWQ-8	2/25/1982	Fluoride	1	mg/L
GW	GWQ-8	2/25/1982	Iron	<0.1	mg/L
GW	GWQ-8	2/25/1982	Manganese	0.17	mg/L
GW	GWQ-8	2/25/1982	Mercury	<0.001	mg/L
GW	GWQ-8	2/25/1982	Molybdenum	<0.05	mg/L
GW	GWQ-8	2/25/1982	Nitrate as N (NO3)	0.3	mg/L
GW	GWQ-8	2/25/1982	Selenium	<0.005	mg/L
GW	GWQ-8	2/25/1982	Sulfate	220	mg/L
GW	GWQ-8	2/25/1982	TDS	350	mg/L
GW	GWQ-8	2/25/1982	pH	7.6	pH units
GW	GWQ-9	2/25/1982	Cadmium	<0.005	mg/L
GW	GWQ-9	2/25/1982	Chloride	28	mg/L
GW	GWQ-9	2/25/1982	Copper	<0.05	mg/L
GW	GWQ-9	2/25/1982	Cyanide	<0.01	mg/L
GW	GWQ-9	2/25/1982	Fluoride	0.6	mg/L
GW	GWQ-9	2/25/1982	Iron	<0.1	mg/L
GW	GWQ-9	2/25/1982	Manganese	<0.05	mg/L
GW	GWQ-9	2/25/1982	Mercury	<0.001	mg/L
GW	GWQ-9	2/25/1982	Molybdenum	<0.05	mg/L
GW	GWQ-9	2/25/1982	Nitrate as N (NO3)	0.9	mg/L
GW	GWQ-9	2/25/1982	Selenium	<0.005	mg/L
GW	GWQ-9	2/25/1982	Sulfate	160	mg/L
GW	GWQ-9	2/25/1982	TDS	430	mg/L
GW	GWQ-9	2/25/1982	pH	8.3	pH units
GW	GWQ-10	4/26/1982	Cadmium	<0.005	mg/L
GW	GWQ-10	4/26/1982	Chloride	20	mg/L
GW	GWQ-10	4/26/1982	Copper	<0.05	mg/L
GW	GWQ-10	4/26/1982	Cyanide	<0.01	mg/L
GW	GWQ-10	4/26/1982	Fluoride	0.6	mg/L
GW	GWQ-10	4/26/1982	Iron	0.41	mg/L
GW	GWQ-10	4/26/1982	Manganese	<0.05	mg/L
GW	GWQ-10	4/26/1982	Mercury	<0.001	mg/L
GW	GWQ-10	4/26/1982	Molybdenum	<0.05	mg/L
GW	GWQ-10	4/26/1982	Nitrate as N (NO3)	2	mg/L
GW	GWQ-10	4/26/1982	Selenium	<0.005	mg/L
GW	GWQ-10	4/26/1982	Sulfate	188	mg/L
GW	GWQ-10	4/26/1982	TDS	840	mg/L
GW	GWQ-10	4/26/1982	pH	7.4	pH units
GW	GWQ-11	4/26/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	4/26/1982	Chloride	40	mg/L
GW	GWQ-11	4/26/1982	Copper	<0.05	mg/L
GW	GWQ-11	4/26/1982	Cyanide	<0.01	mg/L
GW	GWQ-11	4/26/1982	Fluoride	0.8	mg/L
GW	GWQ-11	4/26/1982	Iron	0.38	mg/L
GW	GWQ-11	4/26/1982	Manganese	<0.05	mg/L
GW	GWQ-11	4/26/1982	Mercury	<0.001	mg/L
GW	GWQ-11	4/26/1982	Molybdenum	0.05	mg/L
GW	GWQ-11	4/26/1982	Nitrate as N (NO3)	1.3	mg/L
GW	GWQ-11	4/26/1982	Selenium	<0.005	mg/L
GW	GWQ-11	4/26/1982	Sulfate	165	mg/L
GW	GWQ-11	4/26/1982	TDS	510	mg/L
GW	GWQ-11	4/26/1982	pH	7.6	pH units
GW	NP-1	4/26/1982	Cadmium	<0.005	mg/L
GW	NP-1	4/26/1982	Chloride	28	mg/L
GW	NP-1	4/26/1982	Copper	<0.05	mg/L
GW	NP-1	4/26/1982	Cyanide	<0.01	mg/L
GW	NP-1	4/26/1982	Fluoride	0.6	mg/L
GW	NP-1	4/26/1982	Iron	1.2	mg/L
GW	NP-1	4/26/1982	Manganese	0.16	mg/L
GW	NP-1	4/26/1982	Mercury	<0.001	mg/L
GW	NP-1	4/26/1982	Molybdenum	<0.05	mg/L
GW	NP-1	4/26/1982	Nitrate as N (NO3)	0.7	mg/L
GW	NP-1	4/26/1982	Selenium	<0.005	mg/L
GW	NP-1	4/26/1982	Sulfate	154	mg/L
GW	NP-1	4/26/1982	TDS	440	mg/L
GW	NP-1	4/26/1982	pH	7.9	pH units
GW	NP-2	4/26/1982	Cadmium	<0.005	mg/L
GW	NP-2	4/26/1982	Chloride	42	mg/L
GW	NP-2	4/26/1982	Copper	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NI-2	4/26/1982	Cyanide	<0.01	mg/L
GW	NP-2	4/26/1982	Fluoride	1	mg/L
GW	NP-2	4/26/1982	Iron	1.2	mg/L
GW	NP-2	4/26/1982	Manganese	0.28	mg/L
GW	NP-2	4/26/1982	Mercury	<0.001	mg/L
GW	NP-2	4/26/1982	Molybdenum	<0.05	mg/L
GW	NP-2	4/26/1982	Nitrate as N (NO3)	2.4	mg/L
GW	NP-2	4/26/1982	Selenium	<0.005	mg/L
GW	NP-2	4/26/1982	Sulfate	149	mg/L
GW	NP-2	4/26/1982	TDS	450	mg/L
GW	NP-2	4/26/1982	pH	8	pH units
GW	NP-3	4/28/1982	Cadmium	<0.005	mg/L
GW	NP-3	4/26/1982	Chloride	28	mg/L
GW	NP-3	4/28/1982	Copper	<0.05	mg/L
GW	NP-3	4/26/1982	Cyanide	<0.01	mg/L
GW	NP-3	4/26/1982	Fluoride	0.8	mg/L
GW	NP-3	4/26/1982	Iron	0.24	mg/L
GW	NP-3	4/26/1982	Manganese	0.4	mg/L
GW	NP-3	4/28/1982	Mercury	<0.001	mg/L
GW	NP-3	4/26/1982	Molybdenum	<0.05	mg/L
GW	NP-3	4/26/1982	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-3	4/28/1982	Selenium	<0.005	mg/L
GW	NP-3	4/26/1982	Sulfate	146	mg/L
GW	NP-3	4/26/1982	TDS	410	mg/L
GW	NP-3	4/26/1982	pH	7.9	pH units
GW	NP-4	4/26/1982	Cadmium	<0.005	mg/L
GW	NP-4	4/26/1982	Chloride	46	mg/L
GW	NP-4	4/26/1982	Copper	0.051	mg/L
GW	NP-4	4/26/1982	Cyanide	<0.01	mg/L
GW	NP-4	4/26/1982	Fluoride	1.5	mg/L
GW	NP-4	4/26/1982	Iron	3.8	mg/L
GW	NP-4	4/28/1982	Manganese	0.6	mg/L
GW	NP-4	4/28/1982	Mercury	<0.001	mg/L
GW	NP-4	4/26/1982	Molybdenum	0.07	mg/L
GW	NP-4	4/28/1982	Nitrate as N (NO3)	0.6	mg/L
GW	NP-4	4/26/1982	Selenium	<0.005	mg/L
GW	NP-4	4/26/1982	Sulfate	132	mg/L
GW	NP-4	4/26/1982	TDS	410	mg/L
GW	NP-4	4/26/1982	pH	8.6	pH units
GW	NP-5	4/28/1982	Cadmium	<0.005	mg/L
GW	NP-5	4/26/1982	Chloride	30	mg/L
GW	NP-5	4/26/1982	Copper	0.31	mg/L
GW	NP-5	4/28/1982	Cyanide	0.04	mg/L
GW	NP-5	4/26/1982	Fluoride	1.1	mg/L
GW	NP-5	4/26/1982	Iron	3.8	mg/L
GW	NP-5	4/26/1982	Manganese	6.9	mg/L
GW	NP-5	4/26/1982	Mercury	<0.001	mg/L
GW	NP-5	4/26/1982	Molybdenum	<0.05	mg/L
GW	NP-5	4/26/1982	Nitrate as N (NO3)	1.1	mg/L
GW	NP-5	4/26/1982	Selenium	<0.005	mg/L
GW	NP-5	4/28/1982	Sulfate	154	mg/L
GW	NP-5	4/26/1982	TDS	450	mg/L
GW	NP-5	4/28/1982	pH	7.9	pH units
GW	GWQ-3	5/12/1982	Cadmium	<0.005	mg/L
GW	GWQ-3	5/12/1982	Chloride	56	mg/L
GW	GWQ-3	5/12/1982	Copper	<0.05	mg/L
GW	GWQ-3	5/12/1982	Cyanide	<0.01	mg/L
GW	GWQ-3	5/12/1982	Fluoride	0.7	mg/L
GW	GWQ-3	5/12/1982	Iron	<0.1	mg/L
GW	GWQ-3	5/12/1982	Manganese	<0.05	mg/L
GW	GWQ-3	5/12/1982	Mercury	<0.001	mg/L
GW	GWQ-3	5/12/1982	Molybdenum	<0.05	mg/L
GW	GWQ-3	5/12/1982	Nitrate as N (NO3)	0.2	mg/L
GW	GWQ-3	5/12/1982	Selenium	<0.005	mg/L
GW	GWQ-3	5/12/1982	Sulfate	410	mg/L
GW	GWQ-3	5/12/1982	TDS	830	mg/L
GW	GWQ-3	5/12/1982	pH	7.9	pH units
GW	GWQ-10	5/17/1982	Cadmium	<0.005	mg/L
GW	GWQ-10	5/17/1982	Chloride	28	mg/L
GW	GWQ-10	5/17/1982	Copper	<0.05	mg/L
GW	GWQ-10	5/17/1982	Cyanide	<0.01	mg/L
GW	GWQ-10	5/17/1982	Fluoride	0.6	mg/L
GW	GWQ-10	5/17/1982	Iron	0.1	mg/L
GW	GWQ-10	5/17/1982	Manganese	<0.05	mg/L
GW	GWQ-10	5/17/1982	Mercury	<0.001	mg/L
GW	GWQ-10	5/17/1982	Molybdenum	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	5/17/1982	Nitrate as N (NO3)	2.3	mg/L
GW	GWQ-10	5/17/1982	Selenium	<0.005	mg/L
GW	GWQ-10	5/17/1982	Sulfate	175	mg/L
GW	GWQ-10	5/17/1982	TDS	490	mg/L
GW	GWQ-10	5/17/1982	pH	7.7	pH units
GW	GWQ-11	5/17/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	5/17/1982	Chloride	44	mg/L
GW	GWQ-11	5/17/1982	Copper	<0.05	mg/L
GW	GWQ-11	5/17/1982	Cyanide	<0.01	mg/L
GW	GWQ-11	5/17/1982	Fluoride	0.8	mg/L
GW	GWQ-11	5/17/1982	Iron	0.11	mg/L
GW	GWQ-11	5/17/1982	Manganese	<0.05	mg/L
GW	GWQ-11	5/17/1982	Mercury	<0.001	mg/L
GW	GWQ-11	5/17/1982	Molybdenum	<0.05	mg/L
GW	GWQ-11	5/17/1982	Nitrate as N (NO3)	1.9	mg/L
GW	GWQ-11	5/17/1982	Selenium	<0.005	mg/L
GW	GWQ-11	5/17/1982	Sulfate	185	mg/L
GW	GWQ-11	5/17/1982	TDS	510	mg/L
GW	GWQ-11	5/17/1982	pH	7.8	pH units
GW	NP-3	5/17/1982	Cadmium	<0.005	mg/L
GW	NP-3	5/17/1982	Chloride	562	mg/L
GW	NP-3	5/17/1982	Copper	<0.05	mg/L
GW	NP-3	5/17/1982	Cyanide	<0.01	mg/L
GW	NP-3	5/17/1982	Fluoride	0.7	mg/L
GW	NP-3	5/17/1982	Iron	0.16	mg/L
GW	NP-3	5/17/1982	Manganese	0.25	mg/L
GW	NP-3	5/17/1982	Mercury	<0.001	mg/L
GW	NP-3	5/17/1982	Molybdenum	<0.05	mg/L
GW	NP-3	5/17/1982	Nitrate as N (NO3)	12	mg/L
GW	NP-3	5/17/1982	Selenium	<0.005	mg/L
GW	NP-3	5/17/1982	Sulfate	900	mg/L
GW	NP-3	5/17/1982	TDS	2480	mg/L
GW	NP-3	5/17/1982	pH	7.6	pH units
GW	NP-4	5/17/1982	Cadmium	<0.005	mg/L
GW	NP-4	5/17/1982	Chloride	48	mg/L
GW	NP-4	5/17/1982	Copper	<0.05	mg/L
GW	NP-4	5/17/1982	Cyanide	<0.01	mg/L
GW	NP-4	5/17/1982	Fluoride	1	mg/L
GW	NP-4	5/17/1982	Iron	0.11	mg/L
GW	NP-4	5/17/1982	Manganese	<0.05	mg/L
GW	NP-4	5/17/1982	Mercury	<0.001	mg/L
GW	NP-4	5/17/1982	Molybdenum	<0.05	mg/L
GW	NP-4	5/17/1982	Nitrate as N (NO3)	1.3	mg/L
GW	NP-4	5/17/1982	Selenium	<0.005	mg/L
GW	NP-4	5/17/1982	Sulfate	136	mg/L
GW	NP-4	5/17/1982	TDS	310	mg/L
GW	NP-4	5/17/1982	pH	9.4	pH units
GW	NP-5	5/17/1982	Cadmium	<0.005	mg/L
GW	NP-5	5/17/1982	Chloride	36	mg/L
GW	NP-5	5/17/1982	Copper	<0.05	mg/L
GW	NP-5	5/17/1982	Cyanide	<0.01	mg/L
GW	NP-5	5/17/1982	Fluoride	1.1	mg/L
GW	NP-5	5/17/1982	Iron	0.14	mg/L
GW	NP-5	5/17/1982	Manganese	<0.05	mg/L
GW	NP-5	5/17/1982	Mercury	<0.001	mg/L
GW	NP-5	5/17/1982	Molybdenum	<0.05	mg/L
GW	NP-5	5/17/1982	Nitrate as N (NO3)	6.7	mg/L
GW	NP-5	5/17/1982	Selenium	<0.005	mg/L
GW	NP-5	5/17/1982	Sulfate	165	mg/L
GW	NP-5	5/17/1982	TDS	490	mg/L
GW	NP-5	5/17/1982	pH	8	pH units
GW	NP-2	5/18/1982	Cadmium	0.015	mg/L
GW	NP-2	5/18/1982	Chloride	34	mg/L
GW	NP-2	5/18/1982	Copper	<0.05	mg/L
GW	NP-2	5/18/1982	Cyanide	<0.01	mg/L
GW	NP-2	5/18/1982	Fluoride	0.6	mg/L
GW	NP-2	5/18/1982	Iron	0.68	mg/L
GW	NP-2	5/18/1982	Manganese	0.075	mg/L
GW	NP-2	5/18/1982	Mercury	<0.001	mg/L
GW	NP-2	5/18/1982	Molybdenum	<0.05	mg/L
GW	NP-2	5/18/1982	Nitrate as N (NO3)	1.8	mg/L
GW	NP-2	5/18/1982	Selenium	<0.005	mg/L
GW	NP-2	5/18/1982	Sulfate	128	mg/L
GW	NP-2	5/18/1982	TDS	480	mg/L
GW	NP-2	5/18/1982	pH	7.9	pH units
GW	NP-1	5/24/1982	Iron	<0.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	NI-1	5/24/1982	Manganese	0.28	mg/L
GW	NP-2	5/24/1982	Iron	<0.1	mg/L
GW	NP-2	5/24/1982	Manganese	<0.05	mg/L
GW	NP-3	5/24/1982	Iron	<0.1	mg/L
GW	NP-3	5/24/1982	Manganese	0.053	mg/L
GW	NP-4	5/24/1982	Iron	<0.1	mg/L
GW	NP-4	5/24/1982	Manganese	<0.05	mg/L
GW	NP-5	5/24/1982	Iron	<0.1	mg/L
GW	NP-5	5/24/1982	Manganese	<0.05	mg/L
GW	NP-1	5/28/1982	Iron	<0.1	mg/L
GW	NP-1	5/28/1982	Manganese	0.22	mg/L
GW	NP-2	5/28/1982	Iron	<0.1	mg/L
GW	NP-2	5/28/1982	Manganese	<0.05	mg/L
GW	NP-3	5/28/1982	Iron	<0.1	mg/L
GW	NP-3	5/28/1982	Manganese	0.063	mg/L
GW	NP-4	5/28/1982	Iron	<0.1	mg/L
GW	NP-4	5/28/1982	Manganese	<0.05	mg/L
GW	NP-5	5/28/1982	Iron	<0.1	mg/L
GW	NP-5	5/28/1982	Manganese	<0.05	mg/L
GW	GWQ-1C	6/6/1982	Cadmium	<0.005	mg/L
GW	GWQ-1C	6/6/1982	Chloride	22	mg/L
GW	GWQ-10	6/6/1982	Copper	<0.05	mg/L
GW	GWQ-1C	6/6/1982	Cyanide	<0.01	mg/L
GW	GWQ-10	6/6/1982	Fluoride	0.5	mg/L
GW	GWQ-1C	6/6/1982	Iron	<0.1	mg/L
GW	GWQ-10	6/6/1982	Manganese	<0.05	mg/L
GW	GWQ-10	6/6/1982	Mercury	<0.001	mg/L
GW	GWQ-1C	6/6/1982	Molybdenum	<0.05	mg/L
GW	GWQ-10	6/6/1982	Nitrate as N (NO3)	2.2	mg/L
GW	GWQ-10	6/6/1982	Selenium	<0.005	mg/L
GW	GWQ-1C	6/6/1982	Sulfate	162	mg/L
GW	GWQ-10	6/6/1982	TDS	500	mg/L
GW	GWQ-1C	6/6/1982	pH	9	pH units
GW	GWQ-11	6/6/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	6/6/1982	Chloride	44	mg/L
GW	GWQ-11	6/6/1982	Copper	<0.05	mg/L
GW	GWQ-11	6/6/1982	Cyanide	<0.01	mg/L
GW	GWQ-11	6/6/1982	Fluoride	0.8	mg/L
GW	GWQ-11	6/6/1982	Iron	<0.1	mg/L
GW	GWQ-11	6/6/1982	Manganese	<0.05	mg/L
GW	GWQ-11	6/6/1982	Mercury	<0.001	mg/L
GW	GWQ-11	6/6/1982	Molybdenum	<0.05	mg/L
GW	GWQ-11	6/6/1982	Nitrate as N (NO3)	1.7	mg/L
GW	GWQ-11	6/6/1982	Selenium	<0.005	mg/L
GW	GWQ-11	6/6/1982	Sulfate	165	mg/L
GW	GWQ-11	6/6/1982	TDS	530	mg/L
GW	GWQ-11	6/6/1982	pH	7.9	pH units
GW	NP-1	6/6/1982	Cadmium	<0.005	mg/L
GW	NP-1	6/6/1982	Chloride	20	mg/L
GW	NP-1	6/6/1982	Copper	<0.05	mg/L
GW	NP-1	6/6/1982	Cyanide	<0.01	mg/L
GW	NP-1	6/6/1982	Fluoride	0.6	mg/L
GW	NP-1	6/6/1982	Iron	<0.1	mg/L
GW	NP-1	6/6/1982	Manganese	<0.05	mg/L
GW	NP-1	6/6/1982	Mercury	<0.001	mg/L
GW	NP-1	6/6/1982	Molybdenum	<0.05	mg/L
GW	NP-1	6/6/1982	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	6/6/1982	Selenium	<0.005	mg/L
GW	NP-1	6/6/1982	Sulfate	162	mg/L
GW	NP-1	6/6/1982	TDS	500	mg/L
GW	NP-1	6/6/1982	pH	7.6	pH units
GW	NP-2	6/6/1982	Cadmium	<0.005	mg/L
GW	NP-2	6/6/1982	Chloride	26	mg/L
GW	NP-2	6/6/1982	Copper	<0.05	mg/L
GW	NP-2	6/6/1982	Cyanide	<0.01	mg/L
GW	NP-2	6/6/1982	Fluoride	0.5	mg/L
GW	NP-2	6/6/1982	Iron	<0.1	mg/L
GW	NP-2	6/6/1982	Manganese	<0.05	mg/L
GW	NP-2	6/6/1982	Mercury	<0.001	mg/L
GW	NP-2	6/6/1982	Molybdenum	<0.05	mg/L
GW	NP-2	6/6/1982	Nitrate as N (NO3)	0.9	mg/L
GW	NP-2	6/6/1982	Selenium	<0.005	mg/L
GW	NP-2	6/6/1982	Sulfate	158	mg/L
GW	NP-2	6/6/1982	TDS	490	mg/L
GW	NP-2	6/6/1982	pH	7.8	pH units
GW	NP-3	6/6/1982	Cadmium	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	6/6/1982	Chloride	30	mg/L
GW	NP-3	6/6/1982	Copper	<0.05	mg/L
GW	NP-3	6/6/1982	Cyanide	<0.01	mg/L
GW	NP-3	6/6/1982	Fluoride	0.5	mg/L
GW	NP-3	6/6/1982	Iron	<0.1	mg/L
GW	NP-3	6/6/1982	Manganese	0.1	mg/L
GW	NP-3	6/6/1982	Mercury	<0.001	mg/L
GW	NP-3	6/6/1982	Molybdenum	<0.05	mg/L
GW	NP-3	6/6/1982	Nitrate as N (NO3)	1.9	mg/L
GW	NP-3	6/6/1982	Selenium	<0.005	mg/L
GW	NP-3	6/6/1982	Sulfate	150	mg/L
GW	NP-3	6/6/1982	TDS	500	mg/L
GW	NP-3	6/6/1982	pH	7.9	pH units
GW	NP-4	6/6/1982	Cadmium	<0.005	mg/L
GW	NP-4	6/6/1982	Chloride	26	mg/L
GW	NP-4	6/6/1982	Copper	<0.05	mg/L
GW	NP-4	6/6/1982	Cyanide	<0.01	mg/L
GW	NP-4	6/6/1982	Fluoride	0.5	mg/L
GW	NP-4	6/6/1982	Iron	<0.1	mg/L
GW	NP-4	6/6/1982	Manganese	<0.05	mg/L
GW	NP-4	6/6/1982	Mercury	<0.001	mg/L
GW	NP-4	6/6/1982	Molybdenum	<0.05	mg/L
GW	NP-4	6/6/1982	Nitrate as N (NO3)	4.5	mg/L
GW	NP-4	6/6/1982	Selenium	<0.005	mg/L
GW	NP-4	6/6/1982	Sulfate	140	mg/L
GW	NP-4	6/6/1982	TDS	420	mg/L
GW	NP-4	6/6/1982	pH	8.4	pH units
GW	NP-5	6/6/1982	Cadmium	<0.005	mg/L
GW	NP-5	6/6/1982	Chloride	30	mg/L
GW	NP-5	6/6/1982	Copper	<0.05	mg/L
GW	NP-5	6/6/1982	Cyanide	<0.01	mg/L
GW	NP-5	6/6/1982	Fluoride	0.9	mg/L
GW	NP-5	6/6/1982	Iron	0.44	mg/L
GW	NP-5	6/6/1982	Manganese	<0.05	mg/L
GW	NP-5	6/6/1982	Mercury	<0.001	mg/L
GW	NP-5	6/6/1982	Molybdenum	<0.05	mg/L
GW	NP-5	6/6/1982	Nitrate as N (NO3)	4.5	mg/L
GW	NP-5	6/6/1982	Selenium	<0.005	mg/L
GW	NP-5	6/6/1982	Sulfate	150	mg/L
GW	NP-5	6/6/1982	TDS	420	mg/L
GW	NP-5	6/6/1982	pH	8.1	pH units
GW	GWQ-1C	6/30/1982	Cadmium	<0.005	mg/L
GW	GWQ-1C	6/30/1982	Chloride	20	mg/L
GW	GWQ-1C	6/30/1982	Copper	<0.05	mg/L
GW	GWQ-1C	6/30/1982	Cyanide	<0.01	mg/L
GW	GWQ-1C	6/30/1982	Fluoride	0.6	mg/L
GW	GWQ-10	6/30/1982	Iron	0.62	mg/L
GW	GWQ-10	6/30/1982	Manganese	<0.05	mg/L
GW	GWQ-1C	6/30/1982	Mercury	<0.001	mg/L
GW	GWQ-10	6/30/1982	Molybdenum	<0.05	mg/L
GW	GWQ-10	6/30/1982	Nitrate as N (NO3)	3.3	mg/L
GW	GWQ-1C	6/30/1982	Selenium	<0.005	mg/L
GW	GWQ-10	6/30/1982	Sulfate	180	mg/L
GW	GWQ-1C	6/30/1982	TDS	510	mg/L
GW	GWQ-1C	6/30/1982	pH	8	pH units
GW	GWQ-11	6/30/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	6/30/1982	Chloride	44	mg/L
GW	GWQ-11	6/30/1982	Copper	<0.05	mg/L
GW	GWQ-11	6/30/1982	Cyanide	<0.01	mg/L
GW	GWQ-11	6/30/1982	Fluoride	0.8	mg/L
GW	GWQ-11	6/30/1982	Iron	0.39	mg/L
GW	GWQ-11	6/30/1982	Manganese	<0.05	mg/L
GW	GWQ-11	6/30/1982	Mercury	<0.001	mg/L
GW	GWQ-11	6/30/1982	Molybdenum	<0.05	mg/L
GW	GWQ-11	6/30/1982	Nitrate as N (NO3)	2.3	mg/L
GW	GWQ-11	6/30/1982	Selenium	<0.005	mg/L
GW	GWQ-11	6/30/1982	Sulfate	196	mg/L
GW	GWQ-11	6/30/1982	TDS	590	mg/L
GW	GWQ-11	6/30/1982	pH	7.9	pH units
GW	GWQ-3	6/30/1982	Cadmium	<0.005	mg/L
GW	GWQ-3	6/30/1982	Chloride	48	mg/L
GW	GWQ-3	6/30/1982	Copper	<0.05	mg/L
GW	GWQ-3	6/30/1982	Cyanide	<0.01	mg/L
GW	GWQ-3	6/30/1982	Fluoride	0.7	mg/L
GW	GWQ-3	6/30/1982	Iron	<0.1	mg/L
GW	GWQ-3	6/30/1982	Manganese	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-3	8/30/1982	Mercury	<0.001	mg/L
GW	GWQ-3	8/30/1982	Molybdenum	<0.05	mg/L
GW	GWQ-3	8/30/1982	Nitrate as N (NO3)	0.4	mg/L
GW	GWQ-3	8/30/1982	Selenium	<0.005	mg/L
GW	GWQ-3	8/30/1982	Sulfate	365	mg/L
GW	GWQ-3	8/30/1982	TDS	860	mg/L
GW	GWQ-3	8/30/1982	pH	7.6	pH units
GW	NP-1	8/30/1982	Cadmium	<0.005	mg/L
GW	NP-1	8/30/1982	Chloride	18	mg/L
GW	NP-1	8/30/1982	Copper	<0.05	mg/L
GW	NP-1	8/30/1982	Cyanide	<0.01	mg/L
GW	NP-1	8/30/1982	Fluoride	0.6	mg/L
GW	NP-1	8/30/1982	Iron	<0.1	mg/L
GW	NP-1	8/30/1982	Manganese	0.18	mg/L
GW	NP-1	8/30/1982	Mercury	<0.001	mg/L
GW	NP-1	8/30/1982	Molybdenum	<0.05	mg/L
GW	NP-1	8/30/1982	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	8/30/1982	Selenium	<0.005	mg/L
GW	NP-1	8/30/1982	Sulfate	143	mg/L
GW	NP-1	8/30/1982	TDS	500	mg/L
GW	NP-1	8/30/1982	pH	7.7	pH units
GW	NP-2	8/30/1982	Cadmium	<0.005	mg/L
GW	NP-2	8/30/1982	Chloride	26	mg/L
GW	NP-2	8/30/1982	Copper	<0.05	mg/L
GW	NP-2	8/30/1982	Cyanide	<0.01	mg/L
GW	NP-2	8/30/1982	Fluoride	0.6	mg/L
GW	NP-2	8/30/1982	Iron	<0.1	mg/L
GW	NP-2	8/30/1982	Manganese	<0.05	mg/L
GW	NP-2	8/30/1982	Mercury	<0.001	mg/L
GW	NP-2	8/30/1982	Molybdenum	<0.05	mg/L
GW	NP-2	8/30/1982	Nitrate as N (NO3)	1.4	mg/L
GW	NP-2	8/30/1982	Selenium	<0.005	mg/L
GW	NP-2	8/30/1982	Sulfate	133	mg/L
GW	NP-2	8/30/1982	TDS	490	mg/L
GW	NP-2	8/30/1982	pH	7.8	pH units
GW	NP-3	8/30/1982	Cadmium	<0.005	mg/L
GW	NP-3	8/30/1982	Chloride	26	mg/L
GW	NP-3	8/30/1982	Copper	<0.05	mg/L
GW	NP-3	8/30/1982	Cyanide	<0.01	mg/L
GW	NP-3	8/30/1982	Fluoride	0.5	mg/L
GW	NP-3	8/30/1982	Iron	<0.1	mg/L
GW	NP-3	8/30/1982	Manganese	0.051	mg/L
GW	NP-3	8/30/1982	Mercury	<0.001	mg/L
GW	NP-3	8/30/1982	Molybdenum	<0.05	mg/L
GW	NP-3	8/30/1982	Nitrate as N (NO3)	1.8	mg/L
GW	NP-3	8/30/1982	Selenium	<0.005	mg/L
GW	NP-3	8/30/1982	Sulfate	125	mg/L
GW	NP-3	8/30/1982	TDS	510	mg/L
GW	NP-3	8/30/1982	pH	7.9	pH units
GW	NP-4	8/30/1982	Cadmium	<0.005	mg/L
GW	NP-4	8/30/1982	Chloride	28	mg/L
GW	NP-4	8/30/1982	Copper	<0.05	mg/L
GW	NP-4	8/30/1982	Cyanide	<0.01	mg/L
GW	NP-4	8/30/1982	Fluoride	0.4	mg/L
GW	NP-4	8/30/1982	Iron	<0.1	mg/L
GW	NP-4	8/30/1982	Manganese	<0.05	mg/L
GW	NP-4	8/30/1982	Mercury	<0.001	mg/L
GW	NP-4	8/30/1982	Molybdenum	<0.05	mg/L
GW	NP-4	8/30/1982	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-4	8/30/1982	Selenium	<0.005	mg/L
GW	NP-4	8/30/1982	Sulfate	115	mg/L
GW	NP-4	8/30/1982	TDS	270	mg/L
GW	NP-4	8/30/1982	pH	9.5	pH units
GW	NP-5	8/30/1982	Cadmium	<0.005	mg/L
GW	NP-5	8/30/1982	Chloride	28	mg/L
GW	NP-5	8/30/1982	Copper	<0.05	mg/L
GW	NP-5	8/30/1982	Cyanide	<0.01	mg/L
GW	NP-5	8/30/1982	Fluoride	0.9	mg/L
GW	NP-5	8/30/1982	Iron	0.36	mg/L
GW	NP-5	8/30/1982	Manganese	<0.05	mg/L
GW	NP-5	8/30/1982	Mercury	<0.001	mg/L
GW	NP-5	8/30/1982	Molybdenum	<0.05	mg/L
GW	NP-5	8/30/1982	Nitrate as N (NO3)	3.9	mg/L
GW	NP-5	8/30/1982	Selenium	<0.005	mg/L
GW	NP-5	8/30/1982	Sulfate	133	mg/L
GW	NP-5	8/30/1982	TDS	460	mg/L

GROUNDWATER ANALYSIS DATA

GW	NI-5	9/30/1982	pH	8.1	pH units
GW	GWQ-1C	9/2/1982	Cadmium	<0.301	mg/L
GW	GWQ-1C	9/2/1982	Chloride	22.5	mg/L
GW	GWQ-1C	9/2/1982	Fluoride	0.54	mg/L
GW	GWQ-10	9/2/1982	Manganese	<0.05	mg/L
GW	GWQ-10	9/2/1982	Molybdenum	<0.01	mg/L
GW	GWQ-1C	9/2/1982	Nitrate as N (NO3)	2.25	mg/L
GW	GWQ-10	9/2/1982	Selenium	<0.005	mg/L
GW	GWQ-10	9/2/1982	Sulfate	143.4	mg/L
GW	GWQ-1C	9/2/1982	TDS	506	mg/L
GW	GWQ-10	9/2/1982	pH	7.3	pH units
GW	GWQ-1C	9/2/1982	Conductivity	690	umhos/cm
GW	GWQ-1C	9/2/1982	Calcium	82.6	mg/L
GW	GWQ-1C	9/2/1982	Magnesium	17	mg/L
GW	GWQ-1C	9/2/1982	Sodium	57.5	mg/L
GW	GWQ-10	9/2/1982	Bicarbonate	276	mg/L CaCO3
GW	GWQ-1C	9/2/1982	Potassium	2.73	mg/L
GW	GWQ-11	9/2/1982	Cadmium	<0.301	mg/L
GW	GWQ-11	9/2/1982	Chloride	52.22	mg/L
GW	GWQ-11	9/2/1982	Fluoride	0.75	mg/L
GW	GWQ-11	9/2/1982	Manganese	<0.05	mg/L
GW	GWQ-11	9/2/1982	Molybdenum	<0.01	mg/L
GW	GWQ-11	9/2/1982	Nitrate as N (NO3)	1.94	mg/L
GW	GWQ-11	9/2/1982	Selenium	<0.005	mg/L
GW	GWQ-11	9/2/1982	Sulfate	247.6	mg/L
GW	GWQ-11	9/2/1982	TDS	700	mg/L
GW	GWQ-11	9/2/1982	pH	7.3	pH units
GW	GWQ-11	9/2/1982	Conductivity	940	umhos/cm
GW	GWQ-11	9/2/1982	Calcium	111.2	mg/L
GW	GWQ-11	9/2/1982	Magnesium	27.6	mg/L
GW	GWQ-11	9/2/1982	Sodium	57.5	mg/L
GW	GWQ-11	9/2/1982	Bicarbonate	228	mg/L CaCO3
GW	GWQ-11	9/2/1982	Potassium	3.51	mg/L
GW	IW-2	9/2/1982	Cadmium	<0.301	mg/L
GW	IW-2	9/2/1982	Chloride	408.07	mg/L
GW	IW-2	9/2/1982	Fluoride	1.22	mg/L
GW	IW-2	9/2/1982	Manganese	<0.05	mg/L
GW	IW-2	9/2/1982	Molybdenum	<0.01	mg/L
GW	IW-2	9/2/1982	Nitrate as N (NO3)	1.36	mg/L
GW	IW-2	9/2/1982	Selenium	<0.005	mg/L
GW	IW-2	9/2/1982	Sulfate	2252	mg/L
GW	IW-2	9/2/1982	TDS	4010	mg/L
GW	IW-2	9/2/1982	pH	7.3	pH units
GW	IW-2	9/2/1982	Conductivity	4250	umhos/cm
GW	IW-2	9/2/1982	Calcium	320	mg/L
GW	IW-2	9/2/1982	Magnesium	173.7	mg/L
GW	IW-2	9/2/1982	Sodium	720	mg/L
GW	IW-2	9/2/1982	Bicarbonate	185	mg/L CaCO3
GW	IW-2	9/2/1982	Potassium	234	mg/L
GW	IW-3	9/2/1982	Cadmium	<0.001	mg/L
GW	IW-3	9/2/1982	Chloride	159.12	mg/L
GW	IW-3	9/2/1982	Fluoride	0.42	mg/L
GW	IW-3	9/2/1982	Manganese	<0.05	mg/L
GW	IW-3	9/2/1982	Molybdenum	<0.01	mg/L
GW	IW-3	9/2/1982	Nitrate as N (NO3)	4.12	mg/L
GW	IW-3	9/2/1982	Selenium	<0.005	mg/L
GW	IW-3	9/2/1982	Sulfate	707.3	mg/L
GW	IW-3	9/2/1982	TDS	1562	mg/L
GW	IW-3	9/2/1982	pH	7.2	pH units
GW	IW-3	9/2/1982	Conductivity	1700	umhos/cm
GW	IW-3	9/2/1982	Calcium	233.6	mg/L
GW	IW-3	9/2/1982	Magnesium	42.1	mg/L
GW	IW-3	9/2/1982	Sodium	168	mg/L
GW	IW-3	9/2/1982	Bicarbonate	179	mg/L CaCO3
GW	IW-3	9/2/1982	Potassium	3.51	mg/L
GW	NP-2	9/2/1982	Cadmium	<0.001	mg/L
GW	NP-2	9/2/1982	Chloride	26.49	mg/L
GW	NP-2	9/2/1982	Fluoride	0.54	mg/L
GW	NP-2	9/2/1982	Manganese	<0.05	mg/L
GW	NP-2	9/2/1982	Molybdenum	<0.01	mg/L
GW	NP-2	9/2/1982	Nitrate as N (NO3)	1.66	mg/L
GW	NP-2	9/2/1982	Selenium	<0.005	mg/L
GW	NP-2	9/2/1982	Sulfate	127	mg/L
GW	NP-2	9/2/1982	TDS	488	mg/L
GW	NP-2	9/2/1982	pH	7.4	pH units
GW	NP-2	9/2/1982	Conductivity	650	umhos/cm

GROUNDWATER ANALYSIS DATA

GW	NP-2	9/2/1982	Calcium	73.8	mg/L
GW	NP-2	9/2/1982	Magnesium	17.9	mg/L
GW	NP-2	9/2/1982	Sodium	57.5	mg/L
GW	NP-2	9/2/1982	Bicarbonate	318	mg/L CaCO3
GW	NP-2	9/2/1982	Potassium	1.95	mg/L
GW	NP-3	9/2/1982	Cadmium	<0.001	mg/L
GW	NP-3	9/2/1982	Chloride	27.82	mg/L
GW	NP-3	9/2/1982	Fluoride	0.53	mg/L
GW	NP-3	9/2/1982	Manganese	<0.05	mg/L
GW	NP-3	9/2/1982	Molybdenum	<0.31	mg/L
GW	NP-3	9/2/1982	Nitrate as N (NO3)	1.94	mg/L
GW	NP-3	9/2/1982	Selenium	<0.305	mg/L
GW	NP-3	9/2/1982	Sulfate	123.5	mg/L
GW	NP-3	9/2/1982	TDS	496	mg/L
GW	NP-3	9/2/1982	pH	7.5	pH units
GW	NP-3	9/2/1982	Conductivity	750	umhos/cm
GW	NP-3	9/2/1982	Calcium	77.4	mg/L
GW	NP-3	9/2/1982	Magnesium	15.1	mg/L
GW	NP-3	9/2/1982	Sodium	64.4	mg/L
GW	NP-3	9/2/1982	Bicarbonate	308	mg/L CaCO3
GW	NP-3	9/2/1982	Potassium	3.9	mg/L
GW	NP-4	9/2/1982	Cadmium	<0.001	mg/L
GW	NP-4	9/2/1982	Chloride	28.72	mg/L
GW	NP-4	9/2/1982	Fluoride	0.4	mg/L
GW	NP-4	9/2/1982	Manganese	<0.35	mg/L
GW	NP-4	9/2/1982	Molybdenum	<0.31	mg/L
GW	NP-4	9/2/1982	Nitrate as N (NO3)	0.05	mg/L
GW	NP-4	9/2/1982	Selenium	<0.305	mg/L
GW	NP-4	9/2/1982	Sulfate	107.1	mg/L
GW	NP-4	9/2/1982	TDS	252	mg/L
GW	NP-4	9/2/1982	pH	8.5	pH units
GW	NP-4	9/2/1982	Conductivity	410	umhos/cm
GW	NP-4	9/2/1982	Calcium	7.2	mg/L
GW	NP-4	9/2/1982	Magnesium	3.5	mg/L
GW	NP-4	9/2/1982	Sodium	71.3	mg/L
GW	NP-4	9/2/1982	Bicarbonate	63.1	mg/L CaCO3
GW	NP-4	9/2/1982	Potassium	3.9	mg/L
GW	NP-5	9/2/1982	Cadmium	<0.301	mg/L
GW	NP-5	9/2/1982	Chloride	33.96	mg/L
GW	NP-5	9/2/1982	Fluoride	0.82	mg/L
GW	NP-5	9/2/1982	Manganese	<0.35	mg/L
GW	NP-5	9/2/1982	Molybdenum	<0.31	mg/L
GW	NP-5	9/2/1982	Nitrate as N (NO3)	4.2	mg/L
GW	NP-5	9/2/1982	Selenium	<0.305	mg/L
GW	NP-5	9/2/1982	Sulfate	137.2	mg/L
GW	NP-5	9/2/1982	TDS	472	mg/L
GW	NP-5	9/2/1982	pH	7.6	pH units
GW	NP-5	9/2/1982	Conductivity	650	umhos/cm
GW	NP-5	9/2/1982	Calcium	72.6	mg/L
GW	NP-5	9/2/1982	Magnesium	21.8	mg/L
GW	NP-5	9/2/1982	Sodium	48	mg/L
GW	NP-5	9/2/1982	Bicarbonate	206	mg/L CaCO3
GW	NP-5	9/2/1982	Potassium	3.9	mg/L
GW	NP-1	10/27/1982	Cadmium	<0.305	mg/L
GW	NP-1	10/27/1982	Chloride	20	mg/L
GW	NP-1	10/27/1982	Copper	<0.35	mg/L
GW	NP-1	10/27/1982	Cyanide	<0.31	mg/L
GW	NP-1	10/27/1982	Fluoride	0.7	mg/L
GW	NP-1	10/27/1982	Iron	0.45	mg/L
GW	NP-1	10/27/1982	Manganese	0.056	mg/L
GW	NP-1	10/27/1982	Mercury	<0.001	mg/L
GW	NP-1	10/27/1982	Molybdenum	<0.35	mg/L
GW	NP-1	10/27/1982	Nitrate as N (NO3)	1.3	mg/L
GW	NP-1	10/27/1982	Selenium	<0.305	mg/L
GW	NP-1	10/27/1982	Sulfate	151	mg/L
GW	NP-1	10/27/1982	TDS	470	mg/L
GW	NP-1	10/27/1982	pH	7.7	pH units
GW	NP-2	10/27/1982	Cadmium	<0.005	mg/L
GW	NP-2	10/27/1982	Chloride	28	mg/L
GW	NP-2	10/27/1982	Copper	<0.35	mg/L
GW	NP-2	10/27/1982	Cyanide	<0.31	mg/L
GW	NP-2	10/27/1982	Fluoride	0.6	mg/L
GW	NP-2	10/27/1982	Iron	0.29	mg/L
GW	NP-2	10/27/1982	Manganese	<0.05	mg/L
GW	NP-2	10/27/1982	Mercury	<0.001	mg/L
GW	NP-2	10/27/1982	Molybdenum	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	10/27/1982	Nitrate as N (NO3)	1.6	mg/L
GW	NP-2	10/27/1982	Selenium	<0.005	mg/L
GW	NP-2	10/27/1982	Sulfate	120	mg/L
GW	NP-2	10/27/1982	TDS	440	mg/L
GW	NP-2	10/27/1982	pH	7.9	pH units
GW	NP-3	10/27/1982	Cadmium	<0.005	mg/L
GW	NP-3	10/27/1982	Chloride	26	mg/L
GW	NP-3	10/27/1982	Copper	<0.05	mg/L
GW	NP-3	10/27/1982	Cyanide	<0.01	mg/L
GW	NP-3	10/27/1982	Fluoride	0.6	mg/L
GW	NP-3	10/27/1982	Iron	<0.1	mg/L
GW	NP-3	10/27/1982	Manganese	<0.05	mg/L
GW	NP-3	10/27/1982	Mercury	<0.001	mg/L
GW	NP-3	10/27/1982	Molybdenum	<0.05	mg/L
GW	NP-3	10/27/1982	Nitrate as N (NO3)	1.6	mg/L
GW	NP-3	10/27/1982	Selenium	<0.005	mg/L
GW	NP-3	10/27/1982	Sulfate	132	mg/L
GW	NP-3	10/27/1982	TDS	450	mg/L
GW	NP-3	10/27/1982	pH	8	pH units
GW	NP-4	10/27/1982	Cadmium	0.0051	mg/L
GW	NP-4	10/27/1982	Chloride	36	mg/L
GW	NP-4	10/27/1982	Copper	<0.05	mg/L
GW	NP-4	10/27/1982	Cyanide	<0.01	mg/L
GW	NP-4	10/27/1982	Fluoride	0.4	mg/L
GW	NP-4	10/27/1982	Iron	0.34	mg/L
GW	NP-4	10/27/1982	Manganese	<0.05	mg/L
GW	NP-4	10/27/1982	Mercury	<0.001	mg/L
GW	NP-4	10/27/1982	Molybdenum	<0.05	mg/L
GW	NP-4	10/27/1982	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-4	10/27/1982	Selenium	<0.005	mg/L
GW	NP-4	10/27/1982	Sulfate	108	mg/L
GW	NP-4	10/27/1982	TDS	230	mg/L
GW	NP-4	10/27/1982	pH	9.9	pH units
GW	NP-5	10/27/1982	Cadmium	<0.005	mg/L
GW	NP-5	10/27/1982	Chloride	34	mg/L
GW	NP-5	10/27/1982	Copper	<0.05	mg/L
GW	NP-5	10/27/1982	Cyanide	<0.01	mg/L
GW	NP-5	10/27/1982	Fluoride	0.8	mg/L
GW	NP-5	10/27/1982	Iron	0.21	mg/L
GW	NP-5	10/27/1982	Manganese	<0.05	mg/L
GW	NP-5	10/27/1982	Mercury	<0.001	mg/L
GW	NP-5	10/27/1982	Molybdenum	<0.05	mg/L
GW	NP-5	10/27/1982	Nitrate as N (NO3)	3.7	mg/L
GW	NP-5	10/27/1982	Selenium	<0.005	mg/L
GW	NP-5	10/27/1982	Sulfate	139	mg/L
GW	NP-5	10/27/1982	TDS	440	mg/L
GW	NP-5	10/27/1982	pH	8	pH units
GW	GWQ-10	12/23/1982	Cadmium	<0.005	mg/L
GW	GWQ-10	12/23/1982	Chloride	26	mg/L
GW	GWQ-10	12/23/1982	Copper	<0.05	mg/L
GW	GWQ-10	12/23/1982	Cyanide	<0.01	mg/L
GW	GWQ-10	12/23/1982	Fluoride	0.6	mg/L
GW	GWQ-10	12/23/1982	Iron	<0.1	mg/L
GW	GWQ-10	12/23/1982	Manganese	<0.05	mg/L
GW	GWQ-10	12/23/1982	Mercury	<0.001	mg/L
GW	GWQ-10	12/23/1982	Molybdenum	<0.05	mg/L
GW	GWQ-10	12/23/1982	Nitrate as N (NO3)	1.7	mg/L
GW	GWQ-10	12/23/1982	Selenium	<0.005	mg/L
GW	GWQ-10	12/23/1982	Sulfate	136	mg/L
GW	GWQ-10	12/23/1982	TDS	500	mg/L
GW	GWQ-10	12/23/1982	pH	8.5	pH units
GW	GWQ-11	12/23/1982	Cadmium	<0.005	mg/L
GW	GWQ-11	12/23/1982	Chloride	52	mg/L
GW	GWQ-11	12/23/1982	Copper	<0.05	mg/L
GW	GWQ-11	12/23/1982	Cyanide	<0.01	mg/L
GW	GWQ-11	12/23/1982	Fluoride	0.8	mg/L
GW	GWQ-11	12/23/1982	Iron	<0.1	mg/L
GW	GWQ-11	12/23/1982	Manganese	<0.05	mg/L
GW	GWQ-11	12/23/1982	Mercury	<0.001	mg/L
GW	GWQ-11	12/23/1982	Molybdenum	<0.05	mg/L
GW	GWQ-11	12/23/1982	Nitrate as N (NO3)	1.6	mg/L
GW	GWQ-11	12/23/1982	Selenium	<0.005	mg/L
GW	GWQ-11	12/23/1982	Sulfate	235	mg/L
GW	GWQ-11	12/23/1982	TDS	650	mg/L
GW	GWQ-11	12/23/1982	pH	9.5	pH units
GW	GWQ-3	12/23/1982	Cadmium	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-3	12/23/1982	Chloride	64	mg/L
GW	GWQ-3	12/23/1982	Copper	<0.35	mg/L
GW	GWQ-3	12/23/1982	Cyanide	<0.31	mg/L
GW	GWQ-3	12/23/1982	Fluoride	0.7	mg/L
GW	GWQ-3	12/23/1982	Iron	<0.1	mg/L
GW	GWQ-3	12/23/1982	Manganese	<0.05	mg/L
GW	GWQ-3	12/23/1982	Mercury	<0.001	mg/L
GW	GWQ-3	12/23/1982	Molybdenum	<0.05	mg/L
GW	GWQ-3	12/23/1982	Nitrate as N (NO3)	0.2	mg/L
GW	GWQ-3	12/23/1982	Selenium	<0.005	mg/L
GW	GWQ-3	12/23/1982	Sulfate	340	mg/L
GW	GWQ-3	12/23/1982	TDS	990	mg/L
GW	GWQ-3	12/23/1982	pH	8.5	pH units
GW	GWQ-7	12/28/1982	Cadmium	<0.005	mg/L
GW	GWQ-7	12/28/1982	Chloride	20	mg/L
GW	GWQ-7	12/28/1982	Copper	<0.05	mg/L
GW	GWQ-7	12/28/1982	Cyanide	<0.31	mg/L
GW	GWQ-7	12/28/1982	Fluoride	0.3	mg/L
GW	GWQ-7	12/28/1982	Iron	0.26	mg/L
GW	GWQ-7	12/28/1982	Manganese	0.16	mg/L
GW	GWQ-7	12/28/1982	Mercury	<0.001	mg/L
GW	GWQ-7	12/28/1982	Molybdenum	<0.05	mg/L
GW	GWQ-7	12/28/1982	Nitrate as N (NO3)	<0.2	mg/L
GW	GWQ-7	12/28/1982	Selenium	<0.005	mg/L
GW	GWQ-7	12/28/1982	Sulfate	40	mg/L
GW	GWQ-7	12/28/1982	TDS	250	mg/L
GW	GWQ-7	12/28/1982	pH	8.1	pH units
GW	GWQ-9	12/28/1982	Cadmium	<0.005	mg/L
GW	GWQ-9	12/28/1982	Chloride	20	mg/L
GW	GWQ-9	12/28/1982	Copper	<0.05	mg/L
GW	GWQ-9	12/28/1982	Cyanide	<0.31	mg/L
GW	GWQ-9	12/28/1982	Fluoride	0.5	mg/L
GW	GWQ-9	12/28/1982	Iron	<0.1	mg/L
GW	GWQ-9	12/28/1982	Manganese	<0.35	mg/L
GW	GWQ-9	12/28/1982	Mercury	<0.001	mg/L
GW	GWQ-9	12/28/1982	Molybdenum	<0.05	mg/L
GW	GWQ-9	12/28/1982	Nitrate as N (NO3)	1	mg/L
GW	GWQ-9	12/28/1982	Selenium	<0.005	mg/L
GW	GWQ-9	12/28/1982	Sulfate	150	mg/L
GW	GWQ-9	12/28/1982	TDS	480	mg/L
GW	GWQ-9	12/28/1982	pH	7.8	pH units
GW	GWQ-1C	2/21/1983	Cadmium	<0.005	mg/L
GW	GWQ-1C	2/21/1983	Chloride	24	mg/L
GW	GWQ-1C	2/21/1983	Copper	<0.35	mg/L
GW	GWQ-1C	2/21/1983	Cyanide	<0.01	mg/L
GW	GWQ-1C	2/21/1983	Fluoride	0.6	mg/L
GW	GWQ-1C	2/21/1983	Iron	<0.1	mg/L
GW	GWQ-1C	2/21/1983	Manganese	<0.05	mg/L
GW	GWQ-1C	2/21/1983	Mercury	<0.001	mg/L
GW	GWQ-1C	2/21/1983	Molybdenum	<0.05	mg/L
GW	GWQ-1C	2/21/1983	Nitrate as N (NO3)	2.4	mg/L
GW	GWQ-1C	2/21/1983	Selenium	<0.005	mg/L
GW	GWQ-1C	2/21/1983	Sulfate	181	mg/L
GW	GWQ-1C	2/21/1983	TDS	470	mg/L
GW	GWQ-1C	2/21/1983	pH	7.9	pH units
GW	GWQ-11	2/21/1983	Cadmium	<0.005	mg/L
GW	GWQ-11	2/21/1983	Chloride	44	mg/L
GW	GWQ-11	2/21/1983	Copper	<0.05	mg/L
GW	GWQ-11	2/21/1983	Cyanide	<0.31	mg/L
GW	GWQ-11	2/21/1983	Fluoride	0.8	mg/L
GW	GWQ-11	2/21/1983	Iron	0.38	mg/L
GW	GWQ-11	2/21/1983	Manganese	<0.35	mg/L
GW	GWQ-11	2/21/1983	Mercury	<0.001	mg/L
GW	GWQ-11	2/21/1983	Molybdenum	<0.35	mg/L
GW	GWQ-11	2/21/1983	Nitrate as N (NO3)	1.7	mg/L
GW	GWQ-11	2/21/1983	Selenium	<0.005	mg/L
GW	GWQ-11	2/21/1983	Sulfate	216	mg/L
GW	GWQ-11	2/21/1983	TDS	600	mg/L
GW	GWQ-11	2/21/1983	pH	8	pH units
GW	GWQ-12	2/21/1983	Cadmium	<0.005	mg/L
GW	GWQ-12	2/21/1983	Chloride	18	mg/L
GW	GWQ-12	2/21/1983	Copper	<0.05	mg/L
GW	GWQ-12	2/21/1983	Cyanide	<0.31	mg/L
GW	GWQ-12	2/21/1983	Fluoride	1	mg/L
GW	GWQ-12	2/21/1983	Iron	<0.1	mg/L
GW	GWQ-12	2/21/1983	Manganese	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-12	2/21/1983	Molybdenum	<0.05	mg/L
GW	GWQ-12	2/21/1983	Nitrate as N (NO3)	2.2	mg/L
GW	GWQ-12	2/21/1983	Selenium	<0.005	mg/L
GW	GWQ-12	2/21/1983	Sulfate	53	mg/L
GW	GWQ-12	2/21/1983	TDS	360	mg/L
GW	GWQ-12	2/21/1983	pH	7.7	pH units
GW	GWQ-3	2/21/1983	Cadmium	<0.005	mg/L
GW	GWQ-3	2/21/1983	Chloride	68	mg/L
GW	GWQ-3	2/21/1983	Copper	<0.05	mg/L
GW	GWQ-3	2/21/1983	Cyanide	<0.01	mg/L
GW	GWQ-3	2/21/1983	Fluoride	0.7	mg/L
GW	GWQ-3	2/21/1983	Iron	<0.1	mg/L
GW	GWQ-3	2/21/1983	Manganese	<0.05	mg/L
GW	GWQ-3	2/21/1983	Mercury	<0.001	mg/L
GW	GWQ-3	2/21/1983	Molybdenum	<0.05	mg/L
GW	GWQ-3	2/21/1983	Nitrate as N (NO3)	0.2	mg/L
GW	GWQ-3	2/21/1983	Selenium	<0.005	mg/L
GW	GWQ-3	2/21/1983	Sulfate	428	mg/L
GW	GWQ-3	2/21/1983	TDS	970	mg/L
GW	GWQ-3	2/21/1983	pH	7.7	pH units
GW	GWQ-7	2/21/1983	Cadmium	<0.005	mg/L
GW	GWQ-7	2/21/1983	Chloride	22	mg/L
GW	GWQ-7	2/21/1983	Copper	<0.05	mg/L
GW	GWQ-7	2/21/1983	Cyanide	<0.01	mg/L
GW	GWQ-7	2/21/1983	Fluoride	0.4	mg/L
GW	GWQ-7	2/21/1983	Iron	<0.1	mg/L
GW	GWQ-7	2/21/1983	Manganese	0.27	mg/L
GW	GWQ-7	2/21/1983	Mercury	<0.001	mg/L
GW	GWQ-7	2/21/1983	Molybdenum	<0.05	mg/L
GW	GWQ-7	2/21/1983	Nitrate as N (NO3)	2.8	mg/L
GW	GWQ-7	2/21/1983	Selenium	<0.005	mg/L
GW	GWQ-7	2/21/1983	Sulfate	47	mg/L
GW	GWQ-7	2/21/1983	TDS	250	mg/L
GW	GWQ-7	2/21/1983	pH	8.3	pH units
GW	GWQ-9	2/21/1983	Cadmium	<0.005	mg/L
GW	GWQ-9	2/21/1983	Chloride	20	mg/L
GW	GWQ-9	2/21/1983	Copper	<0.05	mg/L
GW	GWQ-9	2/21/1983	Cyanide	<0.01	mg/L
GW	GWQ-9	2/21/1983	Fluoride	0.5	mg/L
GW	GWQ-9	2/21/1983	Iron	<0.1	mg/L
GW	GWQ-9	2/21/1983	Manganese	<0.05	mg/L
GW	GWQ-9	2/21/1983	Mercury	<0.001	mg/L
GW	GWQ-9	2/21/1983	Molybdenum	<0.05	mg/L
GW	GWQ-9	2/21/1983	Nitrate as N (NO3)	1.4	mg/L
GW	GWQ-9	2/21/1983	Selenium	<0.005	mg/L
GW	GWQ-9	2/21/1983	Sulfate	161	mg/L
GW	GWQ-9	2/21/1983	TDS	450	mg/L
GW	GWQ-9	2/21/1983	pH	8	pH units
GW	NP-1	2/21/1983	Cadmium	<0.005	mg/L
GW	NP-1	2/21/1983	Chloride	16	mg/L
GW	NP-1	2/21/1983	Copper	<0.05	mg/L
GW	NP-1	2/21/1983	Cyanide	<0.01	mg/L
GW	NP-1	2/21/1983	Fluoride	0.7	mg/L
GW	NP-1	2/21/1983	Iron	<0.1	mg/L
GW	NP-1	2/21/1983	Manganese	<0.05	mg/L
GW	NP-1	2/21/1983	Mercury	<0.001	mg/L
GW	NP-1	2/21/1983	Molybdenum	<0.05	mg/L
GW	NP-1	2/21/1983	Nitrate as N (NO3)	1.3	mg/L
GW	NP-1	2/21/1983	Selenium	<0.005	mg/L
GW	NP-1	2/21/1983	Sulfate	156	mg/L
GW	NP-1	2/21/1983	TDS	490	mg/L
GW	NP-1	2/21/1983	pH	7.7	pH units
GW	NP-2	2/21/1983	Cadmium	<0.005	mg/L
GW	NP-2	2/21/1983	Chloride	24	mg/L
GW	NP-2	2/21/1983	Copper	<0.05	mg/L
GW	NP-2	2/21/1983	Cyanide	<0.01	mg/L
GW	NP-2	2/21/1983	Fluoride	0.6	mg/L
GW	NP-2	2/21/1983	Iron	0.12	mg/L
GW	NP-2	2/21/1983	Manganese	<0.05	mg/L
GW	NP-2	2/21/1983	Mercury	<0.001	mg/L
GW	NP-2	2/21/1983	Molybdenum	<0.05	mg/L
GW	NP-2	2/21/1983	Nitrate as N (NO3)	1.6	mg/L
GW	NP-2	2/21/1983	Selenium	<0.005	mg/L
GW	NP-2	2/21/1983	Sulfate	127	mg/L
GW	NP-2	2/21/1983	TDS	440	mg/L
GW	NP-2	2/21/1983	pH	7.8	pH units

GROUNDWATER ANALYSIS DATA

GW	NP-3	2/21/1983	Cadmium	<0.005	mg/L
GW	NP-3	2/21/1983	Chloride	26	mg/L
GW	NP-3	2/21/1983	Copper	<0.05	mg/L
GW	NP-3	2/21/1983	Cyanide	<0.01	mg/L
GW	NP-3	2/21/1983	Fluoride	0.5	mg/L
GW	NP-3	2/21/1983	Iron	<0.1	mg/L
GW	NP-3	2/21/1983	Manganese	<0.05	mg/L
GW	NP-3	2/21/1983	Mercury	<0.001	mg/L
GW	NP-3	2/21/1983	Molybdenum	<0.05	mg/L
GW	NP-3	2/21/1983	Nitrate as N (NO3)	1.4	mg/L
GW	NP-3	2/21/1983	Selenium	<0.005	mg/L
GW	NP-3	2/21/1983	Sulfate	131	mg/L
GW	NP-3	2/21/1983	TDS	410	mg/L
GW	NP-3	2/21/1983	pH	9.2	pH units
GW	NP-4	2/21/1983	Cadmium	<0.005	mg/L
GW	NP-4	2/21/1983	Chloride	46	mg/L
GW	NP-4	2/21/1983	Copper	<0.05	mg/L
GW	NP-4	2/21/1983	Cyanide	<0.01	mg/L
GW	NP-4	2/21/1983	Fluoride	0.4	mg/L
GW	NP-4	2/21/1983	Iron	0.26	mg/L
GW	NP-4	2/21/1983	Manganese	<0.05	mg/L
GW	NP-4	2/21/1983	Mercury	0.001	mg/L
GW	NP-4	2/21/1983	Molybdenum	<0.05	mg/L
GW	NP-4	2/21/1983	Nitrate as N (NO3)	0.2	mg/L
GW	NP-4	2/21/1983	Selenium	<0.005	mg/L
GW	NP-4	2/21/1983	Sulfate	115	mg/L
GW	NP-4	2/21/1983	TDS	250	mg/L
GW	NP-4	2/21/1983	pH	9.3	pH units
GW	NP-5	2/21/1983	Cadmium	<0.005	mg/L
GW	NP-5	2/21/1983	Chloride	26	mg/L
GW	NP-5	2/21/1983	Copper	<0.05	mg/L
GW	NP-5	2/21/1983	Cyanide	<0.01	mg/L
GW	NP-5	2/21/1983	Fluoride	0.5	mg/L
GW	NP-5	2/21/1983	Iron	<0.1	mg/L
GW	NP-5	2/21/1983	Manganese	<0.05	mg/L
GW	NP-5	2/21/1983	Mercury	<0.001	mg/L
GW	NP-5	2/21/1983	Molybdenum	<0.05	mg/L
GW	NP-5	2/21/1983	Nitrate as N (NO3)	1.3	mg/L
GW	NP-5	2/21/1983	Selenium	<0.005	mg/L
GW	NP-5	2/21/1983	Sulfate	139	mg/L
GW	NP-5	2/21/1983	TDS	420	mg/L
GW	NP-5	2/21/1983	pH	8.3	pH units
GW	GWQ-7	5/13/1983	Manganese	<0.05	mg/L
GW	GWQ-10	5/13/1983	Cadmium	<0.005	mg/L
GW	GWQ-10	5/13/1983	Chloride	32	mg/L
GW	GWQ-10	5/13/1983	Copper	<0.05	mg/L
GW	GWQ-10	5/13/1983	Cyanide	0.02	mg/L
GW	GWQ-10	5/13/1983	Fluoride	0.6	mg/L
GW	GWQ-10	5/13/1983	Iron	<0.1	mg/L
GW	GWQ-10	5/13/1983	Manganese	<0.05	mg/L
GW	GWQ-10	5/13/1983	Mercury	<0.001	mg/L
GW	GWQ-10	5/13/1983	Molybdenum	<0.05	mg/L
GW	GWQ-10	5/13/1983	Nitrate as N (NO3)	2.4	mg/L
GW	GWQ-10	5/13/1983	Selenium	<0.005	mg/L
GW	GWQ-10	5/13/1983	Sulfate	161	mg/L
GW	GWQ-10	5/13/1983	TDS	480	mg/L
GW	GWQ-10	5/13/1983	pH	8	pH units
GW	GWQ-11	5/13/1983	Cadmium	<0.005	mg/L
GW	GWQ-11	5/13/1983	Chloride	44	mg/L
GW	GWQ-11	5/13/1983	Copper	<0.05	mg/L
GW	GWQ-11	5/13/1983	Cyanide	0.01	mg/L
GW	GWQ-11	5/13/1983	Fluoride	0.8	mg/L
GW	GWQ-11	5/13/1983	Iron	<0.1	mg/L
GW	GWQ-11	5/13/1983	Manganese	<0.05	mg/L
GW	GWQ-11	5/13/1983	Mercury	<0.001	mg/L
GW	GWQ-11	5/13/1983	Molybdenum	<0.05	mg/L
GW	GWQ-11	5/13/1983	Nitrate as N (NO3)	1.9	mg/L
GW	GWQ-11	5/13/1983	Selenium	<0.005	mg/L
GW	GWQ-11	5/13/1983	Sulfate	208	mg/L
GW	GWQ-11	5/13/1983	TDS	570	mg/L
GW	GWQ-11	5/13/1983	pH	8.1	pH units
GW	GWQ-12	5/13/1983	Cadmium	<0.005	mg/L
GW	GWQ-12	5/13/1983	Chloride	16	mg/L
GW	GWQ-12	5/13/1983	Copper	<0.05	mg/L
GW	GWQ-12	5/13/1983	Cyanide	<0.01	mg/L
GW	GWQ-12	5/13/1983	Fluoride	1	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-12	5/13/1983	Iron	<0.1	mg/L
GW	GWQ-12	5/13/1983	Manganese	<0.05	mg/L
GW	GWQ-12	5/13/1983	Mercury	<0.001	mg/L
GW	GWQ-12	5/13/1983	Molybdenum	<0.05	mg/L
GW	GWQ-12	5/13/1983	Nitrate as N (NO3)	2.1	mg/L
GW	GWQ-12	5/13/1983	Selenium	<0.005	mg/L
GW	GWQ-12	5/13/1983	Sulfate	37	mg/L
GW	GWQ-12	5/13/1983	TDS	330	mg/L
GW	GWQ-12	5/13/1983	pH	8.1	pH units
GW	GWQ-3	5/13/1983	Cadmium	<0.005	mg/L
GW	GWQ-3	5/13/1983	Chloride	82	mg/L
GW	GWQ-3	5/13/1983	Copper	<0.05	mg/L
GW	GWQ-3	5/13/1983	Cyanide	<0.01	mg/L
GW	GWQ-3	5/13/1983	Fluoride	0.6	mg/L
GW	GWQ-3	5/13/1983	Iron	<0.1	mg/L
GW	GWQ-3	5/13/1983	Manganese	<0.05	mg/L
GW	GWQ-3	5/13/1983	Mercury	<0.001	mg/L
GW	GWQ-3	5/13/1983	Molybdenum	0.11	mg/L
GW	GWQ-3	5/13/1983	Nitrate as N (NO3)	0.3	mg/L
GW	GWQ-3	5/13/1983	Selenium	<0.005	mg/L
GW	GWQ-3	5/13/1983	Sulfate	437	mg/L
GW	GWQ-3	5/13/1983	TDS	960	mg/L
GW	GWQ-3	5/13/1983	pH	8	pH units
GW	GWQ-7	5/13/1983	Cadmium	<0.005	mg/L
GW	GWQ-7	5/13/1983	Chloride	20	mg/L
GW	GWQ-7	5/13/1983	Copper	<0.05	mg/L
GW	GWQ-7	5/13/1983	Cyanide	<0.01	mg/L
GW	GWQ-7	5/13/1983	Fluoride	0.6	mg/L
GW	GWQ-7	5/13/1983	Iron	<0.1	mg/L
GW	GWQ-7	5/13/1983	Manganese	<0.05	mg/L
GW	GWQ-7	5/13/1983	Mercury	<0.001	mg/L
GW	GWQ-7	5/13/1983	Molybdenum	<0.05	mg/L
GW	GWQ-7	5/13/1983	Nitrate as N (NO3)	1.2	mg/L
GW	GWQ-7	5/13/1983	Selenium	<0.005	mg/L
GW	GWQ-7	5/13/1983	Sulfate	158	mg/L
GW	GWQ-7	5/13/1983	TDS	470	mg/L
GW	GWQ-7	5/13/1983	pH	8.1	pH units
GW	GWQ-9	5/13/1983	Cadmium	<0.005	mg/L
GW	GWQ-9	5/13/1983	Chloride	20	mg/L
GW	GWQ-9	5/13/1983	Copper	<0.05	mg/L
GW	GWQ-9	5/13/1983	Cyanide	<0.01	mg/L
GW	GWQ-9	5/13/1983	Fluoride	0.5	mg/L
GW	GWQ-9	5/13/1983	Iron	<0.1	mg/L
GW	GWQ-9	5/13/1983	Manganese	<0.05	mg/L
GW	GWQ-9	5/13/1983	Mercury	<0.001	mg/L
GW	GWQ-9	5/13/1983	Molybdenum	<0.05	mg/L
GW	GWQ-9	5/13/1983	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ-9	5/13/1983	Selenium	<0.005	mg/L
GW	GWQ-9	5/13/1983	Sulfate	158	mg/L
GW	GWQ-9	5/13/1983	TDS	480	mg/L
GW	GWQ-9	5/13/1983	pH	8.2	pH units
GW	NP-1	5/13/1983	Cadmium	<0.005	mg/L
GW	NP-1	5/13/1983	Chloride	24	mg/L
GW	NP-1	5/13/1983	Copper	<0.05	mg/L
GW	NP-1	5/13/1983	Cyanide	<0.01	mg/L
GW	NP-1	5/13/1983	Fluoride	0.6	mg/L
GW	NP-1	5/13/1983	Iron	<0.1	mg/L
GW	NP-1	5/13/1983	Manganese	<0.05	mg/L
GW	NP-1	5/13/1983	Mercury	<0.001	mg/L
GW	NP-1	5/13/1983	Molybdenum	<0.05	mg/L
GW	NP-1	5/13/1983	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	5/13/1983	Selenium	<0.005	mg/L
GW	NP-1	5/13/1983	Sulfate	149	mg/L
GW	NP-1	5/13/1983	TDS	470	mg/L
GW	NP-1	5/13/1983	pH	7.9	pH units
GW	NP-2	5/13/1983	Cadmium	<0.005	mg/L
GW	NP-2	5/13/1983	Chloride	24	mg/L
GW	NP-2	5/13/1983	Copper	<0.05	mg/L
GW	NP-2	5/13/1983	Cyanide	<0.01	mg/L
GW	NP-2	5/13/1983	Fluoride	0.6	mg/L
GW	NP-2	5/13/1983	Iron	<0.1	mg/L
GW	NP-2	5/13/1983	Manganese	<0.05	mg/L
GW	NP-2	5/13/1983	Mercury	<0.001	mg/L
GW	NP-2	5/13/1983	Molybdenum	<0.05	mg/L
GW	NP-2	5/13/1983	Nitrate as N (NO3)	1.5	mg/L
GW	NP-2	5/13/1983	Selenium	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	5/13/1983	Sulfate	139	mg/L
GW	NP-2	5/13/1983	TDS	460	mg/L
GW	NP-2	5/13/1983	pH	8.1	pH units
GW	NP-3	5/13/1983	Cadmium	<0.005	mg/L
GW	NP-3	5/13/1983	Chloride	64	mg/L
GW	NP-3	5/13/1983	Copper	<0.05	mg/L
GW	NP-3	5/13/1983	Cyanide	<0.01	mg/L
GW	NP-3	5/13/1983	Fluoride	0.5	mg/L
GW	NP-3	5/13/1983	Iron	<0.1	mg/L
GW	NP-3	5/13/1983	Manganese	<0.05	mg/L
GW	NP-3	5/13/1983	Mercury	<0.001	mg/L
GW	NP-3	5/13/1983	Molybdenum	<0.05	mg/L
GW	NP-3	5/13/1983	Nitrate as N (NO3)	2.1	mg/L
GW	NP-3	5/13/1983	Selenium	<0.005	mg/L
GW	NP-3	5/13/1983	Sulfate	139	mg/L
GW	NP-3	5/13/1983	TDS	500	mg/L
GW	NP-3	5/13/1983	pH	8	pH units
GW	NP-4	5/13/1983	Cadmium	<0.005	mg/L
GW	NP-4	5/13/1983	Chloride	78	mg/L
GW	NP-4	5/13/1983	Copper	<0.05	mg/L
GW	NP-4	5/13/1983	Cyanide	<0.01	mg/L
GW	NP-4	5/13/1983	Fluoride	0.4	mg/L
GW	NP-4	5/13/1983	Iron	<0.1	mg/L
GW	NP-4	5/13/1983	Manganese	<0.05	mg/L
GW	NP-4	5/13/1983	Mercury	<0.001	mg/L
GW	NP-4	5/13/1983	Molybdenum	<0.05	mg/L
GW	NP-4	5/13/1983	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-4	5/13/1983	Selenium	<0.005	mg/L
GW	NP-4	5/13/1983	Sulfate	134	mg/L
GW	NP-4	5/13/1983	TDS	340	mg/L
GW	NP-4	5/13/1983	pH	7.9	pH units
GW	NP-5	5/13/1983	Cadmium	<0.005	mg/L
GW	NP-5	5/13/1983	Chloride	70	mg/L
GW	NP-5	5/13/1983	Copper	<0.05	mg/L
GW	NP-5	5/13/1983	Cyanide	<0.01	mg/L
GW	NP-5	5/13/1983	Fluoride	0.4	mg/L
GW	NP-5	5/13/1983	Iron	<0.1	mg/L
GW	NP-5	5/13/1983	Manganese	<0.05	mg/L
GW	NP-5	5/13/1983	Mercury	<0.001	mg/L
GW	NP-5	5/13/1983	Molybdenum	<0.05	mg/L
GW	NP-5	5/13/1983	Nitrate as N (NO3)	0.2	mg/L
GW	NP-5	5/13/1983	Selenium	<0.005	mg/L
GW	NP-5	5/13/1983	Sulfate	134	mg/L
GW	NP-5	5/13/1983	TDS	290	mg/L
GW	NP-5	5/13/1983	pH	8.9	pH units
GW	GWQ-1C	8/9/1983	Cadmium	<0.005	mg/L
GW	GWQ-10	8/9/1983	Chloride	36	mg/L
GW	GWQ-10	8/9/1983	Copper	<0.05	mg/L
GW	GWQ-1C	8/9/1983	Cyanide	<0.01	mg/L
GW	GWQ-10	8/9/1983	Fluoride	0.6	mg/L
GW	GWQ-10	8/9/1983	Iron	<0.1	mg/L
GW	GWQ-1C	8/9/1983	Manganese	<0.05	mg/L
GW	GWQ-10	8/9/1983	Mercury	<0.001	mg/L
GW	GWQ-1C	8/9/1983	Molybdenum	<0.05	mg/L
GW	GWQ-1C	8/9/1983	Nitrate as N (NO3)	2.4	mg/L
GW	GWQ-1C	8/9/1983	Selenium	<0.005	mg/L
GW	GWQ-1C	8/9/1983	Sulfate	142	mg/L
GW	GWQ-10	8/9/1983	TDS	510	mg/L
GW	GWQ-1C	8/9/1983	pH	7.9	pH units
GW	GWQ-11	8/9/1983	Cadmium	<0.005	mg/L
GW	GWQ-11	8/9/1983	Chloride	48	mg/L
GW	GWQ-11	8/9/1983	Copper	<0.05	mg/L
GW	GWQ-11	8/9/1983	Cyanide	<0.01	mg/L
GW	GWQ-11	8/9/1983	Fluoride	0.8	mg/L
GW	GWQ-11	8/9/1983	Iron	<0.1	mg/L
GW	GWQ-11	8/9/1983	Manganese	<0.05	mg/L
GW	GWQ-11	8/9/1983	Mercury	<0.001	mg/L
GW	GWQ-11	8/9/1983	Molybdenum	<0.05	mg/L
GW	GWQ-11	8/9/1983	Nitrate as N (NO3)	2	mg/L
GW	GWQ-11	8/9/1983	Selenium	<0.005	mg/L
GW	GWQ-11	8/9/1983	Sulfate	168	mg/L
GW	GWQ-11	8/9/1983	TDS	580	mg/L
GW	GWQ-11	8/9/1983	pH	7.9	pH units
GW	GWQ-12	8/9/1983	Cadmium	<0.005	mg/L
GW	GWQ-12	8/9/1983	Chloride	22	mg/L
GW	GWQ-12	8/9/1983	Copper	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-12	8/9/1983	Cyanide	<0.01	mg/L
GW	GWQ-12	8/9/1983	Fluoride	0.6	mg/L
GW	GWQ-12	8/9/1983	Iron	<0.1	mg/L
GW	GWQ-12	8/9/1983	Manganese	<0.05	mg/L
GW	GWQ-12	8/9/1983	Mercury	<0.001	mg/L
GW	GWQ-12	8/9/1983	Molybdenum	<0.05	mg/L
GW	GWQ-12	8/9/1983	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ-12	8/9/1983	Selenium	<0.005	mg/L
GW	GWQ-12	8/9/1983	Sulfate	130	mg/L
GW	GWQ-12	8/9/1983	TDS	480	mg/L
GW	GWQ-12	8/9/1983	pH	7.8	pH units
GW	GWQ-3	8/9/1983	Cadmium	<0.005	mg/L
GW	GWQ-3	8/9/1983	Chloride	78	mg/L
GW	GWQ-3	8/9/1983	Copper	<0.05	mg/L
GW	GWQ-3	8/9/1983	Cyanide	<0.01	mg/L
GW	GWQ-3	8/9/1983	Fluoride	0.7	mg/L
GW	GWQ-3	8/9/1983	Iron	0.11	mg/L
GW	GWQ-3	8/9/1983	Manganese	<0.05	mg/L
GW	GWQ-3	8/9/1983	Mercury	<0.001	mg/L
GW	GWQ-3	8/9/1983	Molybdenum	<0.05	mg/L
GW	GWQ-3	8/9/1983	Nitrate as N (NO3)	<0.2	mg/L
GW	GWQ-3	8/9/1983	Selenium	<0.005	mg/L
GW	GWQ-3	8/9/1983	Sulfate	385	mg/L
GW	GWQ-3	8/9/1983	TDS	1060	mg/L
GW	GWQ-3	8/9/1983	pH	7.8	pH units
GW	GWQ-7	8/9/1983	Cadmium	<0.005	mg/L
GW	GWQ-7	8/9/1983	Chloride	22	mg/L
GW	GWQ-7	8/9/1983	Copper	<0.05	mg/L
GW	GWQ-7	8/9/1983	Cyanide	<0.01	mg/L
GW	GWQ-7	8/9/1983	Fluoride	0.6	mg/L
GW	GWQ-7	8/9/1983	Iron	<0.1	mg/L
GW	GWQ-7	8/9/1983	Manganese	<0.05	mg/L
GW	GWQ-7	8/9/1983	Mercury	<0.001	mg/L
GW	GWQ-7	8/9/1983	Molybdenum	<0.05	mg/L
GW	GWQ-7	8/9/1983	Nitrate as N (NO3)	1	mg/L
GW	GWQ-7	8/9/1983	Selenium	<0.005	mg/L
GW	GWQ-7	8/9/1983	Sulfate	130	mg/L
GW	GWQ-7	8/9/1983	TDS	490	mg/L
GW	GWQ-7	8/9/1983	pH	8	pH units
GW	GWQ-9	8/9/1983	Cadmium	<0.005	mg/L
GW	GWQ-9	8/9/1983	Chloride	20	mg/L
GW	GWQ-9	8/9/1983	Copper	<0.05	mg/L
GW	GWQ-9	8/9/1983	Cyanide	<0.01	mg/L
GW	GWQ-9	8/9/1983	Fluoride	0.5	mg/L
GW	GWQ-9	8/9/1983	Iron	<0.1	mg/L
GW	GWQ-9	8/9/1983	Manganese	<0.05	mg/L
GW	GWQ-9	8/9/1983	Mercury	<0.001	mg/L
GW	GWQ-9	8/9/1983	Molybdenum	<0.05	mg/L
GW	GWQ-9	8/9/1983	Nitrate as N (NO3)	0.9	mg/L
GW	GWQ-9	8/9/1983	Selenium	<0.005	mg/L
GW	GWQ-9	8/9/1983	Sulfate	135	mg/L
GW	GWQ-9	8/9/1983	TDS	480	mg/L
GW	GWQ-9	8/9/1983	pH	8	pH units
GW	NP-1	8/9/1983	Cadmium	<0.005	mg/L
GW	NP-1	8/9/1983	Chloride	22	mg/L
GW	NP-1	8/9/1983	Copper	<0.05	mg/L
GW	NP-1	8/9/1983	Cyanide	<0.01	mg/L
GW	NP-1	8/9/1983	Fluoride	0.6	mg/L
GW	NP-1	8/9/1983	Iron	0.22	mg/L
GW	NP-1	8/9/1983	Manganese	<0.05	mg/L
GW	NP-1	8/9/1983	Mercury	<0.001	mg/L
GW	NP-1	8/9/1983	Molybdenum	<0.05	mg/L
GW	NP-1	8/9/1983	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	8/9/1983	Selenium	<0.005	mg/L
GW	NP-1	8/9/1983	Sulfate	130	mg/L
GW	NP-1	8/9/1983	TDS	460	mg/L
GW	NP-1	8/9/1983	pH	7.8	pH units
GW	NP-2	8/9/1983	Cadmium	<0.005	mg/L
GW	NP-2	8/9/1983	Chloride	38	mg/L
GW	NP-2	8/9/1983	Copper	<0.05	mg/L
GW	NP-2	8/9/1983	Cyanide	<0.01	mg/L
GW	NP-2	8/9/1983	Fluoride	0.6	mg/L
GW	NP-2	8/9/1983	Iron	<0.1	mg/L
GW	NP-2	8/9/1983	Manganese	<0.05	mg/L
GW	NP-2	8/9/1983	Mercury	<0.001	mg/L
GW	NP-2	8/9/1983	Molybdenum	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NI-2	8/9/1983	Nitrate as N (NO3)	1.6	mg/L
GW	NP-2	8/9/1983	Selenium	<0.005	mg/L
GW	NP-2	8/9/1983	Sulfate	148	mg/L
GW	NP-2	8/9/1983	TDS	580	mg/L
GW	NP-2	8/9/1983	pH	7.9	pH units
GW	NP-3	8/9/1983	Cadmium	<0.005	mg/L
GW	NP-3	8/9/1983	Chloride	114	mg/L
GW	NP-3	8/9/1983	Copper	<0.05	mg/L
GW	NP-3	8/9/1983	Cyanide	<0.01	mg/L
GW	NP-3	8/9/1983	Fluoride	0.5	mg/L
GW	NP-3	8/9/1983	Iron	<0.1	mg/L
GW	NP-3	8/9/1983	Manganese	<0.05	mg/L
GW	NP-3	8/9/1983	Mercury	<0.001	mg/L
GW	NP-3	8/9/1983	Molybdenum	<0.05	mg/L
GW	NP-3	8/9/1983	Nitrate as N (NO3)	2.3	mg/L
GW	NP-3	8/9/1983	Selenium	<0.005	mg/L
GW	NP-3	8/9/1983	Sulfate	100	mg/L
GW	NP-3	8/9/1983	TDS	630	mg/L
GW	NP-3	8/9/1983	pH	7.8	pH units
GW	NP-4	8/9/1983	Cadmium	<0.005	mg/L
GW	NP-4	8/9/1983	Chloride	94	mg/L
GW	NP-4	8/9/1983	Copper	<0.05	mg/L
GW	NP-4	8/9/1983	Cyanide	<0.01	mg/L
GW	NP-4	8/9/1983	Fluoride	0.3	mg/L
GW	NP-4	8/9/1983	Iron	<0.1	mg/L
GW	NP-4	8/9/1983	Manganese	<0.05	mg/L
GW	NP-4	8/9/1983	Mercury	<0.001	mg/L
GW	NP-4	8/9/1983	Molybdenum	<0.05	mg/L
GW	NP-4	8/9/1983	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-4	8/9/1983	Selenium	<0.005	mg/L
GW	NP-4	8/9/1983	Sulfate	156	mg/L
GW	NP-4	8/9/1983	TDS	430	mg/L
GW	NP-4	8/9/1983	pH	9.8	pH units
GW	NP-5	8/9/1983	Cadmium	<0.005	mg/L
GW	NP-5	8/9/1983	Chloride	28	mg/L
GW	NP-5	8/9/1983	Copper	<0.05	mg/L
GW	NP-5	8/9/1983	Cyanide	<0.01	mg/L
GW	NP-5	8/9/1983	Fluoride	0.8	mg/L
GW	NP-5	8/9/1983	Iron	<0.1	mg/L
GW	NP-5	8/9/1983	Manganese	<0.05	mg/L
GW	NP-5	8/9/1983	Mercury	<0.001	mg/L
GW	NP-5	8/9/1983	Molybdenum	<0.05	mg/L
GW	NP-5	8/9/1983	Nitrate as N (NO3)	3.7	mg/L
GW	NP-5	8/9/1983	Selenium	<0.005	mg/L
GW	NP-5	8/9/1983	Sulfate	106	mg/L
GW	NP-5	8/9/1983	TDS	460	mg/L
GW	NP-5	8/9/1983	pH	8.1	pH units
GW	GWQ-10	11/1/1983	Cadmium	<0.005	mg/L
GW	GWQ-10	11/1/1983	Chloride	34	mg/L
GW	GWQ-10	11/1/1983	Copper	<0.05	mg/L
GW	GWQ-10	11/1/1983	Cyanide	<0.01	mg/L
GW	GWQ-10	11/1/1983	Fluoride	0.6	mg/L
GW	GWQ-10	11/1/1983	Iron	0.17	mg/L
GW	GWQ-10	11/1/1983	Manganese	<0.05	mg/L
GW	GWQ-10	11/1/1983	Mercury	<0.001	mg/L
GW	GWQ-10	11/1/1983	Molybdenum	<0.05	mg/L
GW	GWQ-10	11/1/1983	Nitrate as N (NO3)	4.8	mg/L
GW	GWQ-10	11/1/1983	Selenium	<0.005	mg/L
GW	GWQ-10	11/1/1983	Sulfate	125	mg/L
GW	GWQ-10	11/1/1983	TDS	500	mg/L
GW	GWQ-10	11/1/1983	pH	8.1	pH units
GW	GWQ-11	11/1/1983	Cadmium	<0.005	mg/L
GW	GWQ-11	11/1/1983	Chloride	46	mg/L
GW	GWQ-11	11/1/1983	Copper	<0.05	mg/L
GW	GWQ-11	11/1/1983	Cyanide	<0.01	mg/L
GW	GWQ-11	11/1/1983	Fluoride	0.8	mg/L
GW	GWQ-11	11/1/1983	Iron	<0.1	mg/L
GW	GWQ-11	11/1/1983	Manganese	<0.05	mg/L
GW	GWQ-11	11/1/1983	Mercury	<0.001	mg/L
GW	GWQ-11	11/1/1983	Molybdenum	<0.05	mg/L
GW	GWQ-11	11/1/1983	Nitrate as N (NO3)	4.8	mg/L
GW	GWQ-11	11/1/1983	Selenium	<0.005	mg/L
GW	GWQ-11	11/1/1983	Sulfate	174	mg/L
GW	GWQ-11	11/1/1983	TDS	580	mg/L
GW	GWQ-11	11/1/1983	pH	8	pH units
GW	GWQ-12	11/1/1983	Cadmium	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-12	11/1/1983	Chloride	14	mg/L
GW	GWQ-12	11/1/1983	Copper	<0.05	mg/L
GW	GWQ-12	11/1/1983	Cyanide	<0.01	mg/L
GW	GWQ-12	11/1/1983	Fluoride	1.1	mg/L
GW	GWQ-12	11/1/1983	Iron	0.32	mg/L
GW	GWQ-12	11/1/1983	Manganese	<0.05	mg/L
GW	GWQ-12	11/1/1983	Mercury	<0.001	mg/L
GW	GWQ-12	11/1/1983	Molybdenum	<0.05	mg/L
GW	GWQ-12	11/1/1983	Nitrate as N (NO3)	2.8	mg/L
GW	GWQ-12	11/1/1983	Selenium	<0.005	mg/L
GW	GWQ-12	11/1/1983	Sulfate	38	mg/L
GW	GWQ-12	11/1/1983	TDS	340	mg/L
GW	GWQ-12	11/1/1983	pH	8.2	pH units
GW	GWQ-3	11/1/1983	Cadmium	<0.005	mg/L
GW	GWQ-3	11/1/1983	Chloride	90	mg/L
GW	GWQ-3	11/1/1983	Copper	<0.05	mg/L
GW	GWQ-3	11/1/1983	Cyanide	<0.01	mg/L
GW	GWQ-3	11/1/1983	Fluoride	0.7	mg/L
GW	GWQ-3	11/1/1983	Iron	<0.1	mg/L
GW	GWQ-3	11/1/1983	Manganese	<0.05	mg/L
GW	GWQ-3	11/1/1983	Mercury	<0.001	mg/L
GW	GWQ-3	11/1/1983	Molybdenum	<0.05	mg/L
GW	GWQ-3	11/1/1983	Nitrate as N (NO3)	0.3	mg/L
GW	GWQ-3	11/1/1983	Selenium	<0.005	mg/L
GW	GWQ-3	11/1/1983	Sulfate	529	mg/L
GW	GWQ-3	11/1/1983	TDS	1240	mg/L
GW	GWQ-3	11/1/1983	pH	8	pH units
GW	GWQ-7	11/1/1983	Cadmium	<0.005	mg/L
GW	GWQ-7	11/1/1983	Chloride	22	mg/L
GW	GWQ-7	11/1/1983	Copper	<0.05	mg/L
GW	GWQ-7	11/1/1983	Cyanide	<0.01	mg/L
GW	GWQ-7	11/1/1983	Fluoride	0.6	mg/L
GW	GWQ-7	11/1/1983	Iron	<0.1	mg/L
GW	GWQ-7	11/1/1983	Manganese	<0.05	mg/L
GW	GWQ-7	11/1/1983	Mercury	<0.001	mg/L
GW	GWQ-7	11/1/1983	Molybdenum	<0.05	mg/L
GW	GWQ-7	11/1/1983	Nitrate as N (NO3)	1.8	mg/L
GW	GWQ-7	11/1/1983	Selenium	<0.005	mg/L
GW	GWQ-7	11/1/1983	Sulfate	137	mg/L
GW	GWQ-7	11/1/1983	TDS	500	mg/L
GW	GWQ-7	11/1/1983	pH	8.1	pH units
GW	GWQ-9	11/1/1983	Cadmium	<0.005	mg/L
GW	GWQ-9	11/1/1983	Chloride	18	mg/L
GW	GWQ-9	11/1/1983	Copper	<0.05	mg/L
GW	GWQ-9	11/1/1983	Cyanide	<0.01	mg/L
GW	GWQ-9	11/1/1983	Fluoride	0.5	mg/L
GW	GWQ-9	11/1/1983	Iron	<0.1	mg/L
GW	GWQ-9	11/1/1983	Manganese	<0.05	mg/L
GW	GWQ-9	11/1/1983	Mercury	<0.001	mg/L
GW	GWQ-9	11/1/1983	Molybdenum	<0.05	mg/L
GW	GWQ-9	11/1/1983	Nitrate as N (NO3)	0.8	mg/L
GW	GWQ-9	11/1/1983	Selenium	<0.005	mg/L
GW	GWQ-9	11/1/1983	Sulfate	132	mg/L
GW	GWQ-9	11/1/1983	TDS	480	mg/L
GW	GWQ-9	11/1/1983	pH	8.2	pH units
GW	NP-1	11/1/1983	Cadmium	<0.005	mg/L
GW	NP-1	11/1/1983	Chloride	18	mg/L
GW	NP-1	11/1/1983	Copper	<0.05	mg/L
GW	NP-1	11/1/1983	Cyanide	<0.01	mg/L
GW	NP-1	11/1/1983	Fluoride	0.6	mg/L
GW	NP-1	11/1/1983	Iron	0.14	mg/L
GW	NP-1	11/1/1983	Manganese	<0.05	mg/L
GW	NP-1	11/1/1983	Mercury	<0.001	mg/L
GW	NP-1	11/1/1983	Molybdenum	<0.05	mg/L
GW	NP-1	11/1/1983	Nitrate as N (NO3)	2.1	mg/L
GW	NP-1	11/1/1983	Selenium	<0.005	mg/L
GW	NP-1	11/1/1983	Sulfate	125	mg/L
GW	NP-1	11/1/1983	TDS	500	mg/L
GW	NP-1	11/1/1983	pH	7.8	pH units
GW	NP-2	11/1/1983	Cadmium	<0.005	mg/L
GW	NP-2	11/1/1983	Chloride	24	mg/L
GW	NP-2	11/1/1983	Copper	<0.05	mg/L
GW	NP-2	11/1/1983	Cyanide	<0.01	mg/L
GW	NP-2	11/1/1983	Fluoride	0.6	mg/L
GW	NP-2	11/1/1983	Iron	0.17	mg/L
GW	NP-2	11/1/1983	Manganese	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	11/1/1983	Mercury	<0.001	mg/L
GW	NP-2	11/1/1983	Molybdenum	<0.05	mg/L
GW	NP-2	11/1/1983	Nitrate as N (NO3)	2.3	mg/L
GW	NP-2	11/1/1983	Selenium	<0.005	mg/L
GW	NP-2	11/1/1983	Sulfate	111	mg/L
GW	NP-2	11/1/1983	TDS	470	mg/L
GW	NP-2	11/1/1983	pH	8	pH units
GW	NP-3	11/1/1983	Cadmium	<0.005	mg/L
GW	NP-3	11/1/1983	Chloride	182	mg/L
GW	NP-3	11/1/1983	Copper	<0.05	mg/L
GW	NP-3	11/1/1983	Cyanide	<0.01	mg/L
GW	NP-3	11/1/1983	Fluoride	0.5	mg/L
GW	NP-3	11/1/1983	Iron	0.14	mg/L
GW	NP-3	11/1/1983	Manganese	<0.05	mg/L
GW	NP-3	11/1/1983	Mercury	<0.001	mg/L
GW	NP-3	11/1/1983	Molybdenum	<0.05	mg/L
GW	NP-3	11/1/1983	Nitrate as N (NO3)	3.8	mg/L
GW	NP-3	11/1/1983	Selenium	<0.005	mg/L
GW	NP-3	11/1/1983	Sulfate	183	mg/L
GW	NP-3	11/1/1983	TDS	760	mg/L
GW	NP-3	11/1/1983	pH	7.9	pH units
GW	NP-4	11/1/1983	Cadmium	<0.005	mg/L
GW	NP-4	11/1/1983	Chloride	114	mg/L
GW	NP-4	11/1/1983	Copper	<0.05	mg/L
GW	NP-4	11/1/1983	Cyanide	<0.01	mg/L
GW	NP-4	11/1/1983	Fluoride	0.3	mg/L
GW	NP-4	11/1/1983	Iron	<0.1	mg/L
GW	NP-4	11/1/1983	Manganese	<0.05	mg/L
GW	NP-4	11/1/1983	Mercury	<0.001	mg/L
GW	NP-4	11/1/1983	Molybdenum	<0.05	mg/L
GW	NP-4	11/1/1983	Nitrate as N (NO3)	0.6	mg/L
GW	NP-4	11/1/1983	Selenium	<0.005	mg/L
GW	NP-4	11/1/1983	Sulfate	208	mg/L
GW	NP-4	11/1/1983	TDS	530	mg/L
GW	NP-4	11/1/1983	pH	8.2	pH units
GW	NP-5	11/1/1983	Cadmium	<0.005	mg/L
GW	NP-5	11/1/1983	Chloride	30	mg/L
GW	NP-5	11/1/1983	Copper	<0.05	mg/L
GW	NP-5	11/1/1983	Cyanide	<0.01	mg/L
GW	NP-5	11/1/1983	Fluoride	0.8	mg/L
GW	NP-5	11/1/1983	Iron	0.1	mg/L
GW	NP-5	11/1/1983	Manganese	<0.05	mg/L
GW	NP-5	11/1/1983	Mercury	<0.001	mg/L
GW	NP-5	11/1/1983	Molybdenum	<0.05	mg/L
GW	NP-5	11/1/1983	Nitrate as N (NO3)	5.2	mg/L
GW	NP-5	11/1/1983	Selenium	<0.005	mg/L
GW	NP-5	11/1/1983	Sulfate	111	mg/L
GW	NP-5	11/1/1983	TDS	440	mg/L
GW	NP-5	11/1/1983	pH	8.2	pH units
GW	GWQ-10	3/16/1984	Cadmium	<0.005	mg/L
GW	GWQ-10	3/16/1984	Chloride	42	mg/L
GW	GWQ-10	3/16/1984	Copper	<0.05	mg/L
GW	GWQ-10	3/16/1984	Cyanide	<0.01	mg/L
GW	GWQ-10	3/16/1984	Fluoride	0.5	mg/L
GW	GWQ-10	3/16/1984	Iron	0.11	mg/L
GW	GWQ-10	3/16/1984	Manganese	<0.05	mg/L
GW	GWQ-10	3/16/1984	Mercury	<0.001	mg/L
GW	GWQ-10	3/16/1984	Molybdenum	<0.05	mg/L
GW	GWQ-10	3/16/1984	Nitrate as N (NO3)	3.5	mg/L
GW	GWQ-10	3/16/1984	Selenium	<0.005	mg/L
GW	GWQ-10	3/16/1984	Sulfate	126	mg/L
GW	GWQ-10	3/16/1984	TDS	500	mg/L
GW	GWQ-10	3/16/1984	pH	8.2	pH units
GW	GWQ-11	3/16/1984	Cadmium	<0.005	mg/L
GW	GWQ-11	3/16/1984	Chloride	52	mg/L
GW	GWQ-11	3/16/1984	Copper	<0.05	mg/L
GW	GWQ-11	3/16/1984	Cyanide	<0.01	mg/L
GW	GWQ-11	3/16/1984	Fluoride	0.6	mg/L
GW	GWQ-11	3/16/1984	Iron	<0.1	mg/L
GW	GWQ-11	3/16/1984	Manganese	<0.05	mg/L
GW	GWQ-11	3/16/1984	Mercury	<0.001	mg/L
GW	GWQ-11	3/16/1984	Molybdenum	<0.05	mg/L
GW	GWQ-11	3/16/1984	Nitrate as N (NO3)	3.8	mg/L
GW	GWQ-11	3/16/1984	Selenium	<0.005	mg/L
GW	GWQ-11	3/16/1984	Sulfate	184	mg/L
GW	GWQ-11	3/16/1984	TDS	540	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	3/16/1984	pH	8.3	pH units
GW	GWQ-12	3/16/1984	Cadmium	<0.305	mg/L
GW	GWQ-12	3/16/1984	Chloride	14	mg/L
GW	GWQ-12	3/16/1984	Copper	<0.35	mg/L
GW	GWQ-12	3/16/1984	Cyanide	<0.01	mg/L
GW	GWQ-12	3/16/1984	Fluoride	1.1	mg/L
GW	GWQ-12	3/16/1984	Iron	<0.1	mg/L
GW	GWQ-12	3/16/1984	Manganese	<0.05	mg/L
GW	GWQ-12	3/16/1984	Mercury	<0.001	mg/L
GW	GWQ-12	3/16/1984	Molybdenum	<0.35	mg/L
GW	GWQ-12	3/16/1984	Nitrate as N (NO3)	3.8	mg/L
GW	GWQ-12	3/16/1984	Selenium	<0.305	mg/L
GW	GWQ-12	3/16/1984	Sulfate	44	mg/L
GW	GWQ-12	3/16/1984	TDS	320	mg/L
GW	GWQ-12	3/16/1984	pH	8.2	pH units
GW	GWQ-3	3/16/1984	Cadmium	<0.005	mg/L
GW	GWQ-3	3/16/1984	Chloride	74	mg/L
GW	GWQ-3	3/16/1984	Copper	<0.35	mg/L
GW	GWQ-3	3/16/1984	Cyanide	<0.01	mg/L
GW	GWQ-3	3/16/1984	Fluoride	0.3	mg/L
GW	GWQ-3	3/16/1984	Iron	<0.1	mg/L
GW	GWQ-3	3/16/1984	Manganese	<0.05	mg/L
GW	GWQ-3	3/16/1984	Mercury	<0.001	mg/L
GW	GWQ-3	3/16/1984	Molybdenum	<0.05	mg/L
GW	GWQ-3	3/16/1984	Nitrate as N (NO3)	3.4	mg/L
GW	GWQ-3	3/16/1984	Selenium	<0.005	mg/L
GW	GWQ-3	3/16/1984	Sulfate	530	mg/L
GW	GWQ-3	3/16/1984	TDS	1190	mg/L
GW	GWQ-3	3/16/1984	pH	8.2	pH units
GW	GWQ-7	3/16/1984	Cadmium	<0.005	mg/L
GW	GWQ-7	3/16/1984	Chloride	20	mg/L
GW	GWQ-7	3/16/1984	Copper	<0.05	mg/L
GW	GWQ-7	3/16/1984	Cyanide	<0.31	mg/L
GW	GWQ-7	3/16/1984	Fluoride	0.8	mg/L
GW	GWQ-7	3/16/1984	Iron	<0.1	mg/L
GW	GWQ-7	3/16/1984	Manganese	<0.35	mg/L
GW	GWQ-7	3/16/1984	Mercury	<0.001	mg/L
GW	GWQ-7	3/16/1984	Molybdenum	0.08	mg/L
GW	GWQ-7	3/16/1984	Nitrate as N (NO3)	1	mg/L
GW	GWQ-7	3/16/1984	Selenium	<0.005	mg/L
GW	GWQ-7	3/16/1984	Sulfate	140	mg/L
GW	GWQ-7	3/16/1984	TDS	450	mg/L
GW	GWQ-7	3/16/1984	pH	8.3	pH units
GW	GWQ-9	3/16/1984	Cadmium	<0.305	mg/L
GW	GWQ-9	3/16/1984	Chloride	16	mg/L
GW	GWQ-9	3/16/1984	Copper	<0.35	mg/L
GW	GWQ-9	3/16/1984	Cyanide	<0.01	mg/L
GW	GWQ-9	3/16/1984	Fluoride	0.7	mg/L
GW	GWQ-9	3/16/1984	Iron	<0.1	mg/L
GW	GWQ-9	3/16/1984	Manganese	<0.05	mg/L
GW	GWQ-9	3/16/1984	Mercury	<0.001	mg/L
GW	GWQ-9	3/16/1984	Molybdenum	<0.35	mg/L
GW	GWQ-9	3/16/1984	Nitrate as N (NO3)	1.7	mg/L
GW	GWQ-9	3/16/1984	Selenium	<0.305	mg/L
GW	GWQ-9	3/16/1984	Sulfate	132	mg/L
GW	GWQ-9	3/16/1984	TDS	460	mg/L
GW	GWQ-9	3/16/1984	pH	8.1	pH units
GW	NP-1	3/16/1984	Cadmium	<0.005	mg/L
GW	NP-1	3/16/1984	Chloride	22	mg/L
GW	NP-1	3/16/1984	Copper	<0.35	mg/L
GW	NP-1	3/16/1984	Cyanide	<0.01	mg/L
GW	NP-1	3/16/1984	Fluoride	0.6	mg/L
GW	NP-1	3/16/1984	Iron	<0.1	mg/L
GW	NP-1	3/16/1984	Manganese	<0.35	mg/L
GW	NP-1	3/16/1984	Mercury	0.0053	mg/L
GW	NP-1	3/16/1984	Molybdenum	<0.05	mg/L
GW	NP-1	3/16/1984	Nitrate as N (NO3)	1.8	mg/L
GW	NP-1	3/16/1984	Selenium	<0.005	mg/L
GW	NP-1	3/16/1984	Sulfate	124	mg/L
GW	NP-1	3/16/1984	TDS	480	mg/L
GW	NP-1	3/16/1984	pH	8.2	pH units
GW	NP-2	3/16/1984	Cadmium	<0.005	mg/L
GW	NP-2	3/16/1984	Chloride	30	mg/L
GW	NP-2	3/16/1984	Copper	<0.05	mg/L
GW	NP-2	3/16/1984	Cyanide	<0.31	mg/L
GW	NP-2	3/16/1984	Fluoride	0.8	mg/L

GROUNDWATER ANALYSIS DATA

GW	NI-2	3/16/1984	Iron	<0.1	mg/L
GW	NP-2	3/16/1984	Manganese	<0.05	mg/L
GW	NP-2	3/16/1984	Mercury	0.001	mg/L
GW	NP-2	3/16/1984	Molybdenum	<0.05	mg/L
GW	NP-2	3/16/1984	Nitrate as N (NO3)	1.6	mg/L
GW	NP-2	3/16/1984	Selenium	<0.005	mg/L
GW	NP-2	3/16/1984	Sulfate	146	mg/L
GW	NP-2	3/16/1984	TDS	500	mg/L
GW	NP-2	3/16/1984	pH	8.2	pH units
GW	NP-3	3/16/1984	Cadmium	<0.005	mg/L
GW	NP-3	3/16/1984	Chloride	226	mg/L
GW	NP-3	3/16/1984	Copper	<0.05	mg/L
GW	NP-3	3/16/1984	Cyanide	<0.01	mg/L
GW	NP-3	3/16/1984	Fluoride	0.6	mg/L
GW	NP-3	3/16/1984	Iron	<0.1	mg/L
GW	NP-3	3/16/1984	Manganese	<0.05	mg/L
GW	NP-3	3/16/1984	Mercury	0.001	mg/L
GW	NP-3	3/16/1984	Molybdenum	<0.05	mg/L
GW	NP-3	3/16/1984	Nitrate as N (NO3)	3.2	mg/L
GW	NP-3	3/16/1984	Selenium	<0.005	mg/L
GW	NP-3	3/16/1984	Sulfate	216	mg/L
GW	NP-3	3/16/1984	TDS	870	mg/L
GW	NP-3	3/16/1984	pH	8.1	pH units
GW	NP-4	3/16/1984	Cadmium	<0.005	mg/L
GW	NP-4	3/16/1984	Chloride	126	mg/L
GW	NP-4	3/16/1984	Copper	<0.05	mg/L
GW	NP-4	3/16/1984	Cyanide	<0.01	mg/L
GW	NP-4	3/16/1984	Fluoride	0.6	mg/L
GW	NP-4	3/16/1984	Iron	<0.1	mg/L
GW	NP-4	3/16/1984	Manganese	<0.05	mg/L
GW	NP-4	3/16/1984	Mercury	0.001	mg/L
GW	NP-4	3/16/1984	Molybdenum	<0.05	mg/L
GW	NP-4	3/16/1984	Nitrate as N (NO3)	0.2	mg/L
GW	NP-4	3/16/1984	Selenium	<0.005	mg/L
GW	NP-4	3/16/1984	Sulfate	258	mg/L
GW	NP-4	3/16/1984	TDS	540	mg/L
GW	NP-4	3/16/1984	pH	8	pH units
GW	NP-5	3/16/1984	Cadmium	<0.005	mg/L
GW	NP-5	3/16/1984	Chloride	26	mg/L
GW	NP-5	3/16/1984	Copper	<0.05	mg/L
GW	NP-5	3/16/1984	Cyanide	<0.01	mg/L
GW	NP-5	3/16/1984	Fluoride	0.4	mg/L
GW	NP-5	3/16/1984	Iron	<0.1	mg/L
GW	NP-5	3/16/1984	Manganese	<0.05	mg/L
GW	NP-5	3/16/1984	Mercury	<0.001	mg/L
GW	NP-5	3/16/1984	Molybdenum	<0.05	mg/L
GW	NP-5	3/16/1984	Nitrate as N (NO3)	3	mg/L
GW	NP-5	3/16/1984	Selenium	<0.005	mg/L
GW	NP-5	3/16/1984	Sulfate	130	mg/L
GW	NP-5	3/16/1984	TDS	360	mg/L
GW	NP-5	3/16/1984	pH	8	pH units
GW	NP-1	4/9/1984	Mercury	<0.001	mg/L
GW	GWQ-10	5/30/1984	Cadmium	<0.005	mg/L
GW	GWQ-10	5/30/1984	Chloride	58	mg/L
GW	GWQ-10	5/30/1984	Copper	<0.05	mg/L
GW	GWQ-10	5/30/1984	Cyanide	<0.01	mg/L
GW	GWQ-10	5/30/1984	Fluoride	0.5	mg/L
GW	GWQ-10	5/30/1984	Iron	<0.1	mg/L
GW	GWQ-10	5/30/1984	Manganese	<0.05	mg/L
GW	GWQ-10	5/30/1984	Mercury	<0.001	mg/L
GW	GWQ-10	5/30/1984	Molybdenum	<0.05	mg/L
GW	GWQ-10	5/30/1984	Nitrate as N (NO3)	3.3	mg/L
GW	GWQ-10	5/30/1984	Selenium	<0.005	mg/L
GW	GWQ-10	5/30/1984	Sulfate	181	mg/L
GW	GWQ-10	5/30/1984	TDS	530	mg/L
GW	GWQ-10	5/30/1984	pH	7.5	pH units
GW	GWQ-11	5/30/1984	Cadmium	<0.005	mg/L
GW	GWQ-11	5/30/1984	Chloride	58	mg/L
GW	GWQ-11	5/30/1984	Copper	<0.05	mg/L
GW	GWQ-11	5/30/1984	Cyanide	<0.01	mg/L
GW	GWQ-11	5/30/1984	Fluoride	0.8	mg/L
GW	GWQ-11	5/30/1984	Iron	<0.1	mg/L
GW	GWQ-11	5/30/1984	Manganese	<0.05	mg/L
GW	GWQ-11	5/30/1984	Mercury	<0.001	mg/L
GW	GWQ-11	5/30/1984	Molybdenum	<0.05	mg/L
GW	GWQ-11	5/30/1984	Nitrate as N (NO3)	1.9	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	5/30/1984	Selenium	<0.005	mg/L
GW	GWQ-11	5/30/1984	Sulfate	195	mg/L
GW	GWQ-11	5/30/1984	TDS	550	mg/L
GW	GWQ-11	5/30/1984	pH	7.5	pH units
GW	GWQ-12	5/30/1984	Cadmium	<0.005	mg/L
GW	GWQ-12	5/30/1984	Chloride	16	mg/L
GW	GWQ-12	5/30/1984	Copper	<0.05	mg/L
GW	GWQ-12	5/30/1984	Cyanide	<0.01	mg/L
GW	GWQ-12	5/30/1984	Fluoride	1	mg/L
GW	GWQ-12	5/30/1984	Iron	<0.1	mg/L
GW	GWQ-12	5/30/1984	Manganese	<0.05	mg/L
GW	GWQ-12	5/30/1984	Mercury	<0.001	mg/L
GW	GWQ-12	5/30/1984	Molybdenum	<0.05	mg/L
GW	GWQ-12	5/30/1984	Nitrate as N (NO3)	2.5	mg/L
GW	GWQ-12	5/30/1984	Selenium	<0.005	mg/L
GW	GWQ-12	5/30/1984	Sulfate	47	mg/L
GW	GWQ-12	5/30/1984	TDS	320	mg/L
GW	GWQ-12	5/30/1984	pH	8	pH units
GW	GWQ-7	5/30/1984	Cadmium	<0.005	mg/L
GW	GWQ-7	5/30/1984	Chloride	20	mg/L
GW	GWQ-7	5/30/1984	Copper	<0.05	mg/L
GW	GWQ-7	5/30/1984	Cyanide	0.02	mg/L
GW	GWQ-7	5/30/1984	Fluoride	0.6	mg/L
GW	GWQ-7	5/30/1984	Iron	<0.1	mg/L
GW	GWQ-7	5/30/1984	Manganese	<0.05	mg/L
GW	GWQ-7	5/30/1984	Mercury	<0.001	mg/L
GW	GWQ-7	5/30/1984	Molybdenum	<0.05	mg/L
GW	GWQ-7	5/30/1984	Nitrate as N (NO3)	0.9	mg/L
GW	GWQ-7	5/30/1984	Selenium	<0.005	mg/L
GW	GWQ-7	5/30/1984	Sulfate	154	mg/L
GW	GWQ-7	5/30/1984	TDS	470	mg/L
GW	GWQ-7	5/30/1984	pH	7.7	pH units
GW	GWQ-9	5/30/1984	Cadmium	<0.005	mg/L
GW	GWQ-9	5/30/1984	Chloride	18	mg/L
GW	GWQ-9	5/30/1984	Copper	<0.05	mg/L
GW	GWQ-9	5/30/1984	Cyanide	<0.01	mg/L
GW	GWQ-9	5/30/1984	Fluoride	0.5	mg/L
GW	GWQ-9	5/30/1984	Iron	<0.1	mg/L
GW	GWQ-9	5/30/1984	Manganese	<0.05	mg/L
GW	GWQ-9	5/30/1984	Mercury	<0.001	mg/L
GW	GWQ-9	5/30/1984	Molybdenum	<0.05	mg/L
GW	GWQ-9	5/30/1984	Nitrate as N (NO3)	0.9	mg/L
GW	GWQ-9	5/30/1984	Selenium	<0.005	mg/L
GW	GWQ-9	5/30/1984	Sulfate	154	mg/L
GW	GWQ-9	5/30/1984	TDS	450	mg/L
GW	GWQ-9	5/30/1984	pH	7.6	pH units
GW	NP-1	5/30/1984	Cadmium	<0.005	mg/L
GW	NP-1	5/30/1984	Chloride	22	mg/L
GW	NP-1	5/30/1984	Copper	<0.05	mg/L
GW	NP-1	5/30/1984	Cyanide	<0.01	mg/L
GW	NP-1	5/30/1984	Fluoride	0.6	mg/L
GW	NP-1	5/30/1984	Iron	<0.1	mg/L
GW	NP-1	5/30/1984	Manganese	<0.05	mg/L
GW	NP-1	5/30/1984	Mercury	<0.001	mg/L
GW	NP-1	5/30/1984	Molybdenum	<0.05	mg/L
GW	NP-1	5/30/1984	Nitrate as N (NO3)	0.7	mg/L
GW	NP-1	5/30/1984	Selenium	<0.005	mg/L
GW	NP-1	5/30/1984	Sulfate	154	mg/L
GW	NP-1	5/30/1984	TDS	510	mg/L
GW	NP-1	5/30/1984	pH	7.5	pH units
GW	NP-2	5/30/1984	Cadmium	<0.005	mg/L
GW	NP-2	5/30/1984	Chloride	32	mg/L
GW	NP-2	5/30/1984	Copper	<0.05	mg/L
GW	NP-2	5/30/1984	Cyanide	<0.01	mg/L
GW	NP-2	5/30/1984	Fluoride	0.6	mg/L
GW	NP-2	5/30/1984	Iron	<0.1	mg/L
GW	NP-2	5/30/1984	Manganese	<0.05	mg/L
GW	NP-2	5/30/1984	Mercury	<0.001	mg/L
GW	NP-2	5/30/1984	Molybdenum	<0.05	mg/L
GW	NP-2	5/30/1984	Nitrate as N (NO3)	1.4	mg/L
GW	NP-2	5/30/1984	Selenium	<0.005	mg/L
GW	NP-2	5/30/1984	Sulfate	175	mg/L
GW	NP-2	5/30/1984	TDS	520	mg/L
GW	NP-2	5/30/1984	pH	7.7	pH units
GW	NP-3	5/30/1984	Cadmium	<0.005	mg/L
GW	NP-3	5/30/1984	Chloride	245	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	5/30/1984	Copper	<0.05	mg/L
GW	NP-3	5/30/1984	Cyanide	<0.01	mg/L
GW	NP-3	5/30/1984	Fluoride	0.4	mg/L
GW	NP-3	5/30/1984	Iron	<0.1	mg/L
GW	NP-3	5/30/1984	Manganese	<0.05	mg/L
GW	NP-3	5/30/1984	Mercury	<0.001	mg/L
GW	NP-3	5/30/1984	Molybdenum	<0.05	mg/L
GW	NP-3	5/30/1984	Nitrate as N (NO3)	2.9	mg/L
GW	NP-3	5/30/1984	Selenium	<0.005	mg/L
GW	NP-3	5/30/1984	Sulfate	292	mg/L
GW	NP-3	5/30/1984	TDS	1060	mg/L
GW	NP-3	5/30/1984	pH	7.8	pH units
GW	NP-4	5/30/1984	Cadmium	<0.005	mg/L
GW	NP-4	5/30/1984	Chloride	134	mg/L
GW	NP-4	5/30/1984	Copper	<0.05	mg/L
GW	NP-4	5/30/1984	Cyanide	<0.01	mg/L
GW	NP-4	5/30/1984	Fluoride	0.3	mg/L
GW	NP-4	5/30/1984	Iron	<0.1	mg/L
GW	NP-4	5/30/1984	Manganese	<0.05	mg/L
GW	NP-4	5/30/1984	Mercury	<0.001	mg/L
GW	NP-4	5/30/1984	Molybdenum	<0.05	mg/L
GW	NP-4	5/30/1984	Nitrate as N (NO3)	<0.2	mg/L
GW	NP-4	5/30/1984	Selenium	<0.005	mg/L
GW	NP-4	5/30/1984	Sulfate	320	mg/L
GW	NP-4	5/30/1984	TDS	630	mg/L
GW	NP-4	5/30/1984	pH	8	pH units
GW	NP-5	5/30/1984	Cadmium	<0.005	mg/L
GW	NP-5	5/30/1984	Chloride	22	mg/L
GW	NP-5	5/30/1984	Copper	<0.05	mg/L
GW	NP-5	5/30/1984	Cyanide	<0.01	mg/L
GW	NP-5	5/30/1984	Fluoride	0.8	mg/L
GW	NP-5	5/30/1984	Iron	<0.1	mg/L
GW	NP-5	5/30/1984	Manganese	<0.05	mg/L
GW	NP-5	5/30/1984	Mercury	<0.001	mg/L
GW	NP-5	5/30/1984	Molybdenum	<0.05	mg/L
GW	NP-5	5/30/1984	Nitrate as N (NO3)	2.9	mg/L
GW	NP-5	5/30/1984	Selenium	<0.005	mg/L
GW	NP-5	5/30/1984	Sulfate	139	mg/L
GW	NP-5	5/30/1984	TDS	400	mg/L
GW	NP-5	5/30/1984	pH	7.8	pH units
GW	GWQ-1C	9/12/1984	Cadmium	<0.005	mg/L
GW	GWQ-1C	9/12/1984	Chloride	68	mg/L
GW	GWQ-1C	9/12/1984	Copper	<0.05	mg/L
GW	GWQ-1C	9/12/1984	Fluoride	0.5	mg/L
GW	GWQ-1C	9/12/1984	Iron	<0.1	mg/L
GW	GWQ-1C	9/12/1984	Manganese	<0.05	mg/L
GW	GWQ-10	9/12/1984	Mercury	<0.001	mg/L
GW	GWQ-10	9/12/1984	Molybdenum	<0.05	mg/L
GW	GWQ-1C	9/12/1984	Nitrate as N (NO3)	4.2	mg/L
GW	GWQ-10	9/12/1984	Selenium	<0.005	mg/L
GW	GWQ-10	9/12/1984	Sulfate	158	mg/L
GW	GWQ-1C	9/12/1984	TDS	580	mg/L
GW	GWQ-10	9/12/1984	pH	7.8	pH units
GW	GWQ-11	9/12/1984	Cadmium	<0.005	mg/L
GW	GWQ-11	9/12/1984	Chloride	60	mg/L
GW	GWQ-11	9/12/1984	Copper	<0.05	mg/L
GW	GWQ-11	9/12/1984	Cyanide	<0.01	mg/L
GW	GWQ-11	9/12/1984	Fluoride	0.8	mg/L
GW	GWQ-11	9/12/1984	Iron	<0.1	mg/L
GW	GWQ-11	9/12/1984	Manganese	<0.05	mg/L
GW	GWQ-11	9/12/1984	Mercury	<0.001	mg/L
GW	GWQ-11	9/12/1984	Molybdenum	<0.05	mg/L
GW	GWQ-11	9/12/1984	Nitrate as N (NO3)	2.3	mg/L
GW	GWQ-11	9/12/1984	Selenium	<0.005	mg/L
GW	GWQ-11	9/12/1984	Sulfate	181	mg/L
GW	GWQ-11	9/12/1984	TDS	590	mg/L
GW	GWQ-11	9/12/1984	pH	7.9	pH units
GW	GWQ-12	9/12/1984	Cadmium	<0.005	mg/L
GW	GWQ-12	9/12/1984	Chloride	18	mg/L
GW	GWQ-12	9/12/1984	Copper	<0.05	mg/L
GW	GWQ-12	9/12/1984	Cyanide	<0.01	mg/L
GW	GWQ-12	9/12/1984	Fluoride	1	mg/L
GW	GWQ-12	9/12/1984	Iron	<0.1	mg/L
GW	GWQ-12	9/12/1984	Manganese	<0.05	mg/L
GW	GWQ-12	9/12/1984	Mercury	<0.001	mg/L
GW	GWQ-12	9/12/1984	Molybdenum	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-12	9/12/1984	Nitrate as N (NO3)	2.2	mg/L
GW	GWQ-12	9/12/1984	Selenium	<0.005	mg/L
GW	GWQ-12	9/12/1984	Sulfate	38	mg/L
GW	GWQ-12	9/12/1984	TDS	330	mg/L
GW	GWQ-12	9/12/1984	pH	8	pH units
GW	GWQ-7	9/12/1984	Cadmium	<0.005	mg/L
GW	GWQ-7	9/12/1984	Chloride	20	mg/L
GW	GWQ-7	9/12/1984	Copper	<0.05	mg/L
GW	GWQ-7	9/12/1984	Cyanide	<0.01	mg/L
GW	GWQ-7	9/12/1984	Fluoride	0.6	mg/L
GW	GWQ-7	9/12/1984	Iron	<0.1	mg/L
GW	GWQ-7	9/12/1984	Manganese	<0.05	mg/L
GW	GWQ-7	9/12/1984	Mercury	<0.001	mg/L
GW	GWQ-7	9/12/1984	Molybdenum	<0.05	mg/L
GW	GWQ-7	9/12/1984	Nitrate as N (NO3)	1.4	mg/L
GW	GWQ-7	9/12/1984	Selenium	<0.005	mg/L
GW	GWQ-7	9/12/1984	Sulfate	128	mg/L
GW	GWQ-7	9/12/1984	TDS	500	mg/L
GW	GWQ-7	9/12/1984	pH	8	pH units
GW	GWQ-9	9/12/1984	Cadmium	<0.005	mg/L
GW	GWQ-9	9/12/1984	Chloride	20	mg/L
GW	GWQ-9	9/12/1984	Copper	<0.05	mg/L
GW	GWQ-9	9/12/1984	Cyanide	<0.01	mg/L
GW	GWQ-9	9/12/1984	Fluoride	0.5	mg/L
GW	GWQ-9	9/12/1984	Iron	<0.1	mg/L
GW	GWQ-9	9/12/1984	Manganese	<0.05	mg/L
GW	GWQ-9	9/12/1984	Mercury	<0.001	mg/L
GW	GWQ-9	9/12/1984	Molybdenum	<0.05	mg/L
GW	GWQ-9	9/12/1984	Nitrate as N (NO3)	1.3	mg/L
GW	GWQ-9	9/12/1984	Selenium	<0.005	mg/L
GW	GWQ-9	9/12/1984	Sulfate	132	mg/L
GW	GWQ-9	9/12/1984	TDS	470	mg/L
GW	GWQ-9	9/12/1984	pH	9	pH units
GW	NP-1	9/12/1984	Cadmium	<0.005	mg/L
GW	NP-1	9/12/1984	Chloride	22	mg/L
GW	NP-1	9/12/1984	Copper	<0.05	mg/L
GW	NP-1	9/12/1984	Cyanide	<0.01	mg/L
GW	NP-1	9/12/1984	Fluoride	0.6	mg/L
GW	NP-1	9/12/1984	Iron	<0.1	mg/L
GW	NP-1	9/12/1984	Manganese	<0.05	mg/L
GW	NP-1	9/12/1984	Mercury	<0.001	mg/L
GW	NP-1	9/12/1984	Molybdenum	<0.05	mg/L
GW	NP-1	9/12/1984	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	9/12/1984	Selenium	<0.005	mg/L
GW	NP-1	9/12/1984	Sulfate	137	mg/L
GW	NP-1	9/12/1984	TDS	460	mg/L
GW	NP-1	9/12/1984	pH	7.7	pH units
GW	NP-2	9/12/1984	Cadmium	<0.005	mg/L
GW	NP-2	9/12/1984	Chloride	22	mg/L
GW	NP-2	9/12/1984	Copper	<0.05	mg/L
GW	NP-2	9/12/1984	Cyanide	<0.01	mg/L
GW	NP-2	9/12/1984	Fluoride	0.6	mg/L
GW	NP-2	9/12/1984	Iron	<0.1	mg/L
GW	NP-2	9/12/1984	Manganese	<0.05	mg/L
GW	NP-2	9/12/1984	Mercury	<0.001	mg/L
GW	NP-2	9/12/1984	Molybdenum	<0.05	mg/L
GW	NP-2	9/12/1984	Nitrate as N (NO3)	1.7	mg/L
GW	NP-2	9/12/1984	Selenium	<0.005	mg/L
GW	NP-2	9/12/1984	Sulfate	134	mg/L
GW	NP-2	9/12/1984	TDS	470	mg/L
GW	NP-2	9/12/1984	pH	7.8	pH units
GW	NP-3	9/12/1984	Cadmium	<0.005	mg/L
GW	NP-3	9/12/1984	Chloride	270	mg/L
GW	NP-3	9/12/1984	Copper	<0.05	mg/L
GW	NP-3	9/12/1984	Cyanide	<0.01	mg/L
GW	NP-3	9/12/1984	Fluoride	0.4	mg/L
GW	NP-3	9/12/1984	Iron	<0.1	mg/L
GW	NP-3	9/12/1984	Manganese	<0.05	mg/L
GW	NP-3	9/12/1984	Mercury	<0.001	mg/L
GW	NP-3	9/12/1984	Molybdenum	<0.05	mg/L
GW	NP-3	9/12/1984	Nitrate as N (NO3)	3.1	mg/L
GW	NP-3	9/12/1984	Selenium	<0.005	mg/L
GW	NP-3	9/12/1984	Sulfate	292	mg/L
GW	NP-3	9/12/1984	TDS	1140	mg/L
GW	NP-3	9/12/1984	pH	7.7	pH units
GW	NP-4	9/12/1984	Cadmium	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-4	9/12/1984	Chloride	134	mg/L
GW	NP-4	9/12/1984	Copper	<0.05	mg/L
GW	NP-4	9/12/1984	Cyanide	<0.01	mg/L
GW	NP-4	9/12/1984	Fluoride	0.3	mg/L
GW	NP-4	9/12/1984	Iron	<0.1	mg/L
GW	NP-4	9/12/1984	Manganese	<0.05	mg/L
GW	NP-4	9/12/1984	Mercury	<0.001	mg/L
GW	NP-4	9/12/1984	Molybdenum	<0.05	mg/L
GW	NP-4	9/12/1984	Nitrate as N (NO3)	0.9	mg/L
GW	NP-4	9/12/1984	Selenium	<0.005	mg/L
GW	NP-4	9/12/1984	Sulfate	339	mg/L
GW	NP-4	9/12/1984	TDS	780	mg/L
GW	NP-4	9/12/1984	pH	8	pH units
GW	NP-5	9/12/1984	Cadmium	<0.005	mg/L
GW	NP-5	9/12/1984	Chloride	26	mg/L
GW	NP-5	9/12/1984	Copper	<0.05	mg/L
GW	NP-5	9/12/1984	Cyanide	<0.01	mg/L
GW	NP-5	9/12/1984	Fluoride	0.8	mg/L
GW	NP-5	9/12/1984	Iron	<0.1	mg/L
GW	NP-5	9/12/1984	Manganese	<0.05	mg/L
GW	NP-5	9/12/1984	Mercury	<0.001	mg/L
GW	NP-5	9/12/1984	Molybdenum	<0.05	mg/L
GW	NP-5	9/12/1984	Nitrate as N (NO3)	3.4	mg/L
GW	NP-5	9/12/1984	Selenium	<0.005	mg/L
GW	NP-5	9/12/1984	Sulfate	125	mg/L
GW	NP-5	9/12/1984	TDS	420	mg/L
GW	NP-5	9/12/1984	pH	8	pH units
GW	GWQ-1C	11/27/1984	Cadmium	<0.005	mg/L
GW	GWQ-10	11/27/1984	Chloride	64	mg/L
GW	GWQ-10	11/27/1984	Copper	<0.05	mg/L
GW	GWQ-1C	11/27/1984	Cyanide	<0.01	mg/L
GW	GWQ-10	11/27/1984	Fluoride	0.6	mg/L
GW	GWQ-1C	11/27/1984	Iron	<0.1	mg/L
GW	GWQ-1C	11/27/1984	Manganese	<0.05	mg/L
GW	GWQ-1C	11/27/1984	Mercury	<0.001	mg/L
GW	GWQ-1C	11/27/1984	Molybdenum	<0.05	mg/L
GW	GWQ-10	11/27/1984	Nitrate as N (NO3)	4.9	mg/L
GW	GWQ-1C	11/27/1984	Selenium	<0.005	mg/L
GW	GWQ-1C	11/27/1984	Sulfate	163	mg/L
GW	GWQ-10	11/27/1984	TDS	580	mg/L
GW	GWQ-1C	11/27/1984	pH	7.7	pH units
GW	GWQ-11	11/27/1984	Cadmium	<0.005	mg/L
GW	GWQ-11	11/27/1984	Chloride	60	mg/L
GW	GWQ-11	11/27/1984	Copper	<0.05	mg/L
GW	GWQ-11	11/27/1984	Cyanide	<0.01	mg/L
GW	GWQ-11	11/27/1984	Fluoride	0.8	mg/L
GW	GWQ-11	11/27/1984	Iron	<0.1	mg/L
GW	GWQ-11	11/27/1984	Manganese	<0.05	mg/L
GW	GWQ-11	11/27/1984	Mercury	<0.001	mg/L
GW	GWQ-11	11/27/1984	Molybdenum	<0.05	mg/L
GW	GWQ-11	11/27/1984	Nitrate as N (NO3)	2.3	mg/L
GW	GWQ-11	11/27/1984	Selenium	<0.005	mg/L
GW	GWQ-11	11/27/1984	Sulfate	185	mg/L
GW	GWQ-11	11/27/1984	TDS	570	mg/L
GW	GWQ-11	11/27/1984	pH	7.7	pH units
GW	GWQ-12	11/27/1984	Cadmium	<0.005	mg/L
GW	GWQ-12	11/27/1984	Chloride	14	mg/L
GW	GWQ-12	11/27/1984	Copper	<0.05	mg/L
GW	GWQ-12	11/27/1984	Cyanide	<0.01	mg/L
GW	GWQ-12	11/27/1984	Fluoride	1	mg/L
GW	GWQ-12	11/27/1984	Iron	<0.1	mg/L
GW	GWQ-12	11/27/1984	Manganese	<0.05	mg/L
GW	GWQ-12	11/27/1984	Mercury	<0.001	mg/L
GW	GWQ-12	11/27/1984	Molybdenum	<0.05	mg/L
GW	GWQ-12	11/27/1984	Nitrate as N (NO3)	2.3	mg/L
GW	GWQ-12	11/27/1984	Selenium	<0.005	mg/L
GW	GWQ-12	11/27/1984	Sulfate	37	mg/L
GW	GWQ-12	11/27/1984	TDS	340	mg/L
GW	GWQ-12	11/27/1984	pH	7.8	pH units
GW	GWQ-7	11/27/1984	Cadmium	<0.005	mg/L
GW	GWQ-7	11/27/1984	Chloride	18	mg/L
GW	GWQ-7	11/27/1984	Copper	<0.05	mg/L
GW	GWQ-7	11/27/1984	Cyanide	<0.01	mg/L
GW	GWQ-7	11/27/1984	Fluoride	0.6	mg/L
GW	GWQ-7	11/27/1984	Iron	<0.1	mg/L
GW	GWQ-7	11/27/1984	Manganese	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-7	11/27/1984	Mercury	<0.001	mg/L
GW	GWQ-7	11/27/1984	Molybdenum	<0.35	mg/L
GW	GWQ-7	11/27/1984	Nitrate as N (NO3)	1.4	mg/L
GW	GWQ-7	11/27/1984	Selenium	<0.305	mg/L
GW	GWQ-7	11/27/1984	Sulfate	144	mg/L
GW	GWQ-7	11/27/1984	TDS	490	mg/L
GW	GWQ-7	11/27/1984	pH	7.7	pH units
GW	GWQ-9	11/27/1984	Cadmium	<0.005	mg/L
GW	GWQ-9	11/27/1984	Chloride	16	mg/L
GW	GWQ-9	11/27/1984	Copper	<0.35	mg/L
GW	GWQ-9	11/27/1984	Cyanide	<0.01	mg/L
GW	GWQ-9	11/27/1984	Fluoride	0.5	mg/L
GW	GWQ-9	11/27/1984	Iron	<0.1	mg/L
GW	GWQ-9	11/27/1984	Manganese	<0.35	mg/L
GW	GWQ-9	11/27/1984	Mercury	<0.301	mg/L
GW	GWQ-9	11/27/1984	Molybdenum	<0.05	mg/L
GW	GWQ-9	11/27/1984	Nitrate as N (NO3)	1.5	mg/L
GW	GWQ-9	11/27/1984	Selenium	<0.305	mg/L
GW	GWQ-9	11/27/1984	Sulfate	132	mg/L
GW	GWQ-9	11/27/1984	TDS	470	mg/L
GW	GWQ-9	11/27/1984	pH	7.9	pH units
GW	NP-1	11/27/1984	Cadmium	<0.005	mg/L
GW	NP-1	11/27/1984	Chloride	16	mg/L
GW	NP-1	11/27/1984	Copper	<0.05	mg/L
GW	NP-1	11/27/1984	Cyanide	<0.31	mg/L
GW	NP-1	11/27/1984	Fluoride	0.6	mg/L
GW	NP-1	11/27/1984	Iron	<0.1	mg/L
GW	NP-1	11/27/1984	Manganese	<0.35	mg/L
GW	NP-1	11/27/1984	Mercury	<0.001	mg/L
GW	NP-1	11/27/1984	Molybdenum	<0.05	mg/L
GW	NP-1	11/27/1984	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	11/27/1984	Selenium	<0.005	mg/L
GW	NP-1	11/27/1984	Sulfate	144	mg/L
GW	NP-1	11/27/1984	TDS	480	mg/L
GW	NP-1	11/27/1984	pH	7.8	pH units
GW	NP-2	11/27/1984	Cadmium	<0.305	mg/L
GW	NP-2	11/27/1984	Chloride	20	mg/L
GW	NP-2	11/27/1984	Copper	<0.35	mg/L
GW	NP-2	11/27/1984	Cyanide	<0.31	mg/L
GW	NP-2	11/27/1984	Fluoride	0.6	mg/L
GW	NP-2	11/27/1984	Iron	<0.1	mg/L
GW	NP-2	11/27/1984	Manganese	<0.35	mg/L
GW	NP-2	11/27/1984	Mercury	<0.301	mg/L
GW	NP-2	11/27/1984	Molybdenum	<0.35	mg/L
GW	NP-2	11/27/1984	Nitrate as N (NO3)	1.7	mg/L
GW	NP-2	11/27/1984	Selenium	<0.305	mg/L
GW	NP-2	11/27/1984	Sulfate	125	mg/L
GW	NP-2	11/27/1984	TDS	470	mg/L
GW	NP-2	11/27/1984	pH	7.9	pH units
GW	NP-3	11/27/1984	Cadmium	<0.005	mg/L
GW	NP-3	11/27/1984	Chloride	290	mg/L
GW	NP-3	11/27/1984	Copper	<0.35	mg/L
GW	NP-3	11/27/1984	Cyanide	<0.01	mg/L
GW	NP-3	11/27/1984	Fluoride	0.4	mg/L
GW	NP-3	11/27/1984	Iron	<0.1	mg/L
GW	NP-3	11/27/1984	Manganese	<0.35	mg/L
GW	NP-3	11/27/1984	Mercury	<0.301	mg/L
GW	NP-3	11/27/1984	Molybdenum	<0.05	mg/L
GW	NP-3	11/27/1984	Nitrate as N (NO3)	3.5	mg/L
GW	NP-3	11/27/1984	Selenium	<0.305	mg/L
GW	NP-3	11/27/1984	Sulfate	346	mg/L
GW	NP-3	11/27/1984	TDS	1150	mg/L
GW	NP-3	11/27/1984	pH	7.8	pH units
GW	NP-4	11/27/1984	Cadmium	<0.305	mg/L
GW	NP-4	11/27/1984	Chloride	140	mg/L
GW	NP-4	11/27/1984	Copper	<0.05	mg/L
GW	NP-4	11/27/1984	Cyanide	<0.31	mg/L
GW	NP-4	11/27/1984	Fluoride	0.3	mg/L
GW	NP-4	11/27/1984	Iron	<0.1	mg/L
GW	NP-4	11/27/1984	Manganese	<0.35	mg/L
GW	NP-4	11/27/1984	Mercury	<0.001	mg/L
GW	NP-4	11/27/1984	Molybdenum	<0.05	mg/L
GW	NP-4	11/27/1984	Nitrate as N (NO3)	0.2	mg/L
GW	NP-4	11/27/1984	Selenium	<0.005	mg/L
GW	NP-4	11/27/1984	Sulfate	354	mg/L
GW	NP-4	11/27/1984	TDS	740	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-4	11/27/1984	pH	8.5	pH units
GW	NP-5	11/27/1984	Cadmium	<0.005	mg/L
GW	NP-5	11/27/1984	Chloride	28	mg/L
GW	NP-5	11/27/1984	Copper	<0.05	mg/L
GW	NP-5	11/27/1984	Cyanide	<0.01	mg/L
GW	NP-5	11/27/1984	Fluoride	0.8	mg/L
GW	NP-5	11/27/1984	Iron	<0.1	mg/L
GW	NP-5	11/27/1984	Manganese	<0.05	mg/L
GW	NP-5	11/27/1984	Mercury	<0.001	mg/L
GW	NP-5	11/27/1984	Molybdenum	<0.05	mg/L
GW	NP-5	11/27/1984	Nitrate as N (NO3)	3.2	mg/L
GW	NP-5	11/27/1984	Selenium	<0.005	mg/L
GW	NP-5	11/27/1984	Sulfate	120	mg/L
GW	NP-5	11/27/1984	TDS	420	mg/L
GW	NP-5	11/27/1984	pH	9.2	pH units
GW	PW-2	11/27/1984	Cadmium	<0.005	mg/L
GW	PW-2	11/27/1984	Chloride	20	mg/L
GW	PW-2	11/27/1984	Copper	<0.05	mg/L
GW	PW-2	11/27/1984	Cyanide	<0.01	mg/L
GW	PW-2	11/27/1984	Fluoride	0.6	mg/L
GW	PW-2	11/27/1984	Iron	<0.1	mg/L
GW	PW-2	11/27/1984	Manganese	<0.05	mg/L
GW	PW-2	11/27/1984	Mercury	<0.001	mg/L
GW	PW-2	11/27/1984	Nitrate as N (NO3)	1.7	mg/L
GW	PW-2	11/27/1984	Selenium	<0.005	mg/L
GW	PW-2	11/27/1984	Sulfate	125	mg/L
GW	PW-2	11/27/1984	TDS	470	mg/L
GW	PW-2	11/27/1984	pH	7.9	pH units
GW	GWQ-10	5/17/1985	Chloride	52	mg/L
GW	GWQ-10	5/17/1985	Sulfate	183	mg/L
GW	GWQ-10	5/17/1985	TDS	570	mg/L
GW	GWQ-10	5/17/1985	pH	7.8	pH units
GW	GWQ-11	5/17/1985	Chloride	64	mg/L
GW	GWQ-11	5/17/1985	Sulfate	197	mg/L
GW	GWQ-11	5/17/1985	TDS	640	mg/L
GW	GWQ-11	5/17/1985	pH	7.8	pH units
GW	GWQ-7	5/17/1985	Chloride	20	mg/L
GW	GWQ-7	5/17/1985	Sulfate	144	mg/L
GW	GWQ-7	5/17/1985	TDS	500	mg/L
GW	GWQ-7	5/17/1985	pH	7.9	pH units
GW	GWQ-9	5/17/1985	Chloride	20	mg/L
GW	GWQ-9	5/17/1985	Sulfate	149	mg/L
GW	GWQ-9	5/17/1985	TDS	490	mg/L
GW	GWQ-9	5/17/1985	pH	8	pH units
GW	NP-1	5/17/1985	Chloride	20	mg/L
GW	NP-1	5/17/1985	Sulfate	144	mg/L
GW	NP-1	5/17/1985	TDS	510	mg/L
GW	NP-1	5/17/1985	pH	7.6	pH units
GW	NP-2	5/17/1985	Chloride	22	mg/L
GW	NP-2	5/17/1985	Sulfate	120	mg/L
GW	NP-2	5/17/1985	TDS	480	mg/L
GW	NP-2	5/17/1985	pH	7.8	pH units
GW	NP-3	5/17/1985	Chloride	310	mg/L
GW	NP-3	5/17/1985	Sulfate	455	mg/L
GW	NP-3	5/17/1985	TDS	1470	mg/L
GW	NP-3	5/17/1985	pH	7.7	pH units
GW	NP-4	5/17/1985	Chloride	146	mg/L
GW	NP-4	5/17/1985	Sulfate	348	mg/L
GW	NP-4	5/17/1985	TDS	770	mg/L
GW	NP-4	5/17/1985	pH	8.2	pH units
GW	NP-5	5/17/1985	Chloride	28	mg/L
GW	NP-5	5/17/1985	Sulfate	130	mg/L
GW	NP-5	5/17/1985	TDS	450	mg/L
GW	NP-5	5/17/1985	pH	7.9	pH units
GW	GWQ-12	5/27/1985	Chloride	14	mg/L
GW	GWQ-12	5/27/1985	Sulfate	36	mg/L
GW	GWQ-12	5/27/1985	TDS	370	mg/L
GW	GWQ-12	5/27/1985	pH	8	pH units
GW	GWQ-10	11/13/1985	Chloride	42	mg/L
GW	GWQ-10	11/13/1985	Sulfate	149	mg/L
GW	GWQ-10	11/13/1985	TDS	500	mg/L
GW	GWQ-10	11/13/1985	pH	7.7	pH units
GW	GWQ-11	11/13/1985	Chloride	62	mg/L
GW	GWQ-11	11/13/1985	Sulfate	183	mg/L
GW	GWQ-11	11/13/1985	TDS	600	mg/L
GW	GWQ-11	11/13/1985	pH	7.7	pH units

GROUNDWATER ANALYSIS DATA

GW	GWQ-12	11/13/1985	Chloride	14	mg/L
GW	GWQ-12	11/13/1985	Sulfate	35	mg/L
GW	GWQ-12	11/13/1985	TDS	310	mg/L
GW	GWQ-12	11/13/1985	pH	7.0	pH units
GW	GWQ-7	11/13/1985	Chloride	18	mg/L
GW	GWQ-7	11/13/1985	Sulfate	137	mg/L
GW	GWQ-7	11/13/1985	TDS	450	mg/L
GW	GWQ-7	11/13/1985	pH	7.8	pH units
GW	GWQ-9	11/13/1985	Chloride	20	mg/L
GW	GWQ-9	11/13/1985	Sulfate	142	mg/L
GW	GWQ-9	11/13/1985	TDS	450	mg/L
GW	GWQ-9	11/13/1985	pH	7.8	pH units
GW	NP-1	11/13/1985	Chloride	16	mg/L
GW	NP-1	11/13/1985	Sulfate	149	mg/L
GW	NP-1	11/13/1985	TDS	480	mg/L
GW	NP-1	11/13/1985	pH	7.3	pH units
GW	NP-2	11/13/1985	Chloride	22	mg/L
GW	NP-2	11/13/1985	Sulfate	115	mg/L
GW	NP-2	11/13/1985	TDS	480	mg/L
GW	NP-2	11/13/1985	pH	7.4	pH units
GW	NP-3	11/13/1985	Chloride	288	mg/L
GW	NP-3	11/13/1985	Sulfate	541	mg/L
GW	NP-3	11/13/1985	TDS	1520	mg/L
GW	NP-3	11/13/1985	pH	7.2	pH units
GW	NP-4	11/13/1985	Chloride	142	mg/L
GW	NP-4	11/13/1985	Sulfate	292	mg/L
GW	NP-4	11/13/1985	TDS	690	mg/L
GW	NP-4	11/13/1985	pH	8	pH units
GW	NP-5	11/13/1985	Chloride	24	mg/L
GW	NP-5	11/13/1985	Sulfate	134	mg/L
GW	NP-5	11/13/1985	TDS	400	mg/L
GW	NP-5	11/13/1985	pH	7.8	pH units
GW	GWQ-1C	5/23/1986	Chloride	58	mg/L
GW	GWQ-1C	5/23/1986	Sulfate	151	mg/L
GW	GWQ-1C	5/23/1986	TDS	580	mg/L
GW	GWQ-1C	5/23/1986	pH	7.9	pH units
GW	GWQ-11	5/23/1986	Chloride	60	mg/L
GW	GWQ-11	5/23/1986	Sulfate	210	mg/L
GW	GWQ-11	5/23/1986	TDS	650	mg/L
GW	GWQ-11	5/23/1986	pH	7.8	pH units
GW	GWQ-12	5/23/1986	Chloride	16	mg/L
GW	GWQ-12	5/23/1986	Sulfate	31	mg/L
GW	GWQ-12	5/23/1986	TDS	330	mg/L
GW	GWQ-12	5/23/1986	pH	7.8	pH units
GW	GWQ-7	5/23/1986	Chloride	22	mg/L
GW	GWQ-7	5/23/1986	Sulfate	142	mg/L
GW	GWQ-7	5/23/1986	TDS	490	mg/L
GW	GWQ-7	5/23/1986	pH	7.9	pH units
GW	GWQ-9	5/23/1986	Chloride	36	mg/L
GW	GWQ-9	5/23/1986	Sulfate	137	mg/L
GW	GWQ-9	5/23/1986	TDS	490	mg/L
GW	GWQ-9	5/23/1986	pH	7.9	pH units
GW	NP-1	5/23/1986	Chloride	18	mg/L
GW	NP-1	5/23/1986	Sulfate	142	mg/L
GW	NP-1	5/23/1986	TDS	500	mg/L
GW	NP-1	5/23/1986	pH	7.6	pH units
GW	NP-2	5/23/1986	Chloride	26	mg/L
GW	NP-2	5/23/1986	Sulfate	113	mg/L
GW	NP-2	5/23/1986	TDS	480	mg/L
GW	NP-2	5/23/1986	pH	7.6	pH units
GW	NP-3	5/23/1986	Chloride	282	mg/L
GW	NP-3	5/23/1986	Sulfate	624	mg/L
GW	NP-3	5/23/1986	TDS	1590	mg/L
GW	NP-3	5/23/1986	pH	7.5	pH units
GW	NP-4	5/23/1986	Chloride	136	mg/L
GW	NP-4	5/23/1986	Sulfate	300	mg/L
GW	NP-4	5/23/1986	TDS	690	mg/L
GW	NP-4	5/23/1986	pH	8	pH units
GW	NP-5	5/23/1986	Chloride	28	mg/L
GW	NP-5	5/23/1986	Sulfate	120	mg/L
GW	NP-5	5/23/1986	TDS	430	mg/L
GW	NP-5	5/23/1986	pH	7.9	pH units
GW	GWQ-1C	10/6/1986	Chloride	54	mg/L
GW	GWQ-1C	10/6/1986	Sulfate	137	mg/L
GW	GWQ-1C	10/6/1986	TDS	550	mg/L
GW	GWQ-1C	10/6/1986	pH	7.5	pH units

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	10/6/1986	Chloride	70	mg/L
GW	GWQ-11	10/6/1986	Sulfate	200	mg/L
GW	GWQ-11	10/6/1986	TDS	560	mg/L
GW	GWQ-11	10/6/1986	pH	7.6	pH units
GW	GWQ-12	10/6/1986	Chloride	16	mg/L
GW	GWQ-12	10/6/1986	Sulfate	35	mg/L
GW	GWQ-12	10/6/1986	TDS	310	mg/L
GW	GWQ-12	10/6/1986	pH	7.6	pH units
GW	GWQ-7	10/6/1986	Chloride	22	mg/L
GW	GWQ-7	10/6/1986	Sulfate	116	mg/L
GW	GWQ-7	10/6/1986	TDS	480	mg/L
GW	GWQ-7	10/6/1986	pH	7.4	pH units
GW	GWQ-9	10/6/1986	Chloride	20	mg/L
GW	GWQ-9	10/6/1986	Sulfate	125	mg/L
GW	GWQ-9	10/6/1986	TDS	460	mg/L
GW	GWQ-9	10/6/1986	pH	7.6	pH units
GW	NP-1	10/6/1986	Chloride	22	mg/L
GW	NP-1	10/6/1986	Sulfate	107	mg/L
GW	NP-1	10/6/1986	TDS	470	mg/L
GW	NP-1	10/6/1986	pH	7.4	pH units
GW	NP-2	10/6/1986	Chloride	24	mg/L
GW	NP-2	10/6/1986	Sulfate	100	mg/L
GW	NP-2	10/6/1986	TDS	430	mg/L
GW	NP-2	10/6/1986	pH	7.4	pH units
GW	NP-3	10/6/1986	Chloride	272	mg/L
GW	NP-3	10/6/1986	Sulfate	620	mg/L
GW	NP-3	10/6/1986	TDS	1710	mg/L
GW	NP-3	10/6/1986	pH	7.4	pH units
GW	NP-4	10/6/1986	Chloride	134	mg/L
GW	NP-4	10/6/1986	Sulfate	290	mg/L
GW	NP-4	10/6/1986	TDS	660	mg/L
GW	NP-4	10/6/1986	pH	7.8	pH units
GW	NP-5	10/6/1986	Chloride	26	mg/L
GW	NP-5	10/6/1986	Sulfate	113	mg/L
GW	NP-5	10/6/1986	TDS	420	mg/L
GW	NP-5	10/6/1986	pH	7.8	pH units
GW	NP-5	3/3/1987	Sulfate	695	mg/L
GW	GWQ-1C	3/4/1987	Aluminum	<0.1	mg/L
GW	GWQ-1C	3/4/1987	Barium	<0.1	mg/L
GW	GWQ-10	3/4/1987	Boron	<0.1	mg/L
GW	GWQ-1C	3/4/1987	Cadmium	<0.1	mg/L
GW	GWQ-1C	3/4/1987	Chloride	59	mg/L
GW	GWQ-1C	3/4/1987	Chromium	<0.1	mg/L
GW	GWQ-1C	3/4/1987	Cobalt	<0.05	mg/L
GW	GWQ-10	3/4/1987	Copper	<0.1	mg/L
GW	GWQ-1C	3/4/1987	Iron	<0.1	mg/L
GW	GWQ-10	3/4/1987	Lead	<0.1	mg/L
GW	GWQ-10	3/4/1987	Manganese	<0.05	mg/L
GW	GWQ-1C	3/4/1987	Molybdenum	<0.1	mg/L
GW	GWQ-10	3/4/1987	Nickel	<0.1	mg/L
GW	GWQ-10	3/4/1987	Silver	<0.1	mg/L
GW	GWQ-1C	3/4/1987	Sulfate	150	mg/L
GW	GWQ-10	3/4/1987	TDS	586	mg/L
GW	GWQ-1C	3/4/1987	Zinc	<0.1	mg/L
GW	GWQ-1C	3/4/1987	Conductivity	740	umhos/cm
GW	GWQ-1C	3/4/1987	Antimony	0.9	mg/L
GW	GWQ-1C	3/4/1987	Beryllium	<0.1	mg/L
GW	GWQ-10	3/4/1987	Calcium	90	mg/L
GW	GWQ-1C	3/4/1987	Magnesium	20.7	mg/L
GW	GWQ-1C	3/4/1987	Sodium	73.6	mg/L
GW	GWQ-10	3/4/1987	Bicarbonate	256	mg/L CaCO3
GW	GWQ-1C	3/4/1987	Potassium	2.34	mg/L
GW	GWQ-11	3/4/1987	Aluminum	<0.1	mg/L
GW	GWQ-11	3/4/1987	Barium	<0.1	mg/L
GW	GWQ-11	3/4/1987	Boron	<0.1	mg/L
GW	GWQ-11	3/4/1987	Cadmium	<0.1	mg/L
GW	GWQ-11	3/4/1987	Chloride	69	mg/L
GW	GWQ-11	3/4/1987	Chromium	<0.1	mg/L
GW	GWQ-11	3/4/1987	Cobalt	<0.05	mg/L
GW	GWQ-11	3/4/1987	Copper	<0.1	mg/L
GW	GWQ-11	3/4/1987	Iron	<0.1	mg/L
GW	GWQ-11	3/4/1987	Lead	<0.1	mg/L
GW	GWQ-11	3/4/1987	Manganese	<0.05	mg/L
GW	GWQ-11	3/4/1987	Molybdenum	<0.1	mg/L
GW	GWQ-11	3/4/1987	Nickel	<0.1	mg/L
GW	GWQ-11	3/4/1987	Silver	<0.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	3/4/1987	Sulfate	200	mg/L
GW	GWQ-11	3/4/1987	TDS	696	mg/L
GW	GWQ-11	3/4/1987	Zinc	<0.1	mg/L
GW	GWQ-11	3/4/1987	pH	6.7	pH units
GW	GWQ-11	3/4/1987	Conductivity	820	umhos/cm
GW	GWQ-11	3/4/1987	Antimony	1.1	mg/L
GW	GWQ-11	3/4/1987	Beryllium	<0.1	mg/L
GW	GWQ-11	3/4/1987	Calcium	108	mg/L
GW	GWQ-11	3/4/1987	Magnesium	26.1	mg/L
GW	GWQ-11	3/4/1987	Sodium	62.1	mg/L
GW	GWQ-11	3/4/1987	Bicarbonate	220	mg/L CaCO3
GW	GWQ-11	3/4/1987	Potassium	3.51	mg/L
GW	IW-1	3/4/1987	Chloride	575	mg/L
GW	IW-1	3/4/1987	Sulfate	1901	mg/L
GW	IW-1	3/4/1987	TDS	3802	mg/L
GW	IW-1	3/4/1987	pH	6.6	pH units
GW	IW-1	3/4/1987	Conductivity	3950	umhos/cm
GW	IW-1	3/4/1987	Calcium	564	mg/L
GW	IW-1	3/4/1987	Sodium	273.7	mg/L
GW	IW-1	3/4/1987	Bicarbonate	193	mg/L CaCO3
GW	IW-1	3/4/1987	Potassium	3.12	mg/L
GW	NP-3	3/4/1987	Chloride	263	mg/L
GW	NP-3	3/4/1987	Sulfate	695	mg/L
GW	NP-3	3/4/1987	TDS	1882	mg/L
GW	NP-3	3/4/1987	pH	6.8	pH units
GW	NP-3	3/4/1987	Conductivity	1650	umhos/cm
GW	NP-3	3/4/1987	Calcium	320	mg/L
GW	NP-3	3/4/1987	Magnesium	67.1	mg/L
GW	NP-3	3/4/1987	Sodium	117.5	mg/L
GW	NP-3	3/4/1987	Bicarbonate	166	mg/L CaCO3
GW	NP-3	3/4/1987	Potassium	4.29	mg/L
GW	GWQ-10	5/25/1987	Sulfate	154.2	mg/L
GW	GWQ-11	5/25/1987	Sulfate	230	mg/L
GW	NP-3	5/25/1987	Sulfate	735.5	mg/L
GW	NP-4	5/25/1987	Sulfate	276.5	mg/L
GW	GWQ-1C	1/12/1988	Aluminum	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Barium	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Boron	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Cadmium	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Chloride	78.8	mg/L
GW	GWQ-1C	1/12/1988	Chromium	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Cobalt	<0.06	mg/L
GW	GWQ-1C	1/12/1988	Copper	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Iron	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Lead	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Manganese	<0.06	mg/L
GW	GWQ-1C	1/12/1988	Molybdenum	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Nickel	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Silver	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Sulfate	173	mg/L
GW	GWQ-1C	1/12/1988	TDS	648	mg/L
GW	GWQ-1C	1/12/1988	Zinc	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Beryllium	<0.1	mg/L
GW	GWQ-1C	1/12/1988	Calcium	118	mg/L
GW	GWQ-1C	1/12/1988	Magnesium	24	mg/L
GW	GWQ-1C	1/12/1988	Sodium	64	mg/L
GW	GWQ-1C	1/12/1988	Bicarbonate	243	mg/L CaCO3
GW	GWQ-1C	1/12/1988	Potassium	3	mg/L
GW	GWQ-11	1/12/1988	Aluminum	<0.1	mg/L
GW	GWQ-11	1/12/1988	Barium	<0.1	mg/L
GW	GWQ-11	1/12/1988	Boron	<0.1	mg/L
GW	GWQ-11	1/12/1988	Cadmium	<0.1	mg/L
GW	GWQ-11	1/12/1988	Chloride	77.1	mg/L
GW	GWQ-11	1/12/1988	Chromium	<0.1	mg/L
GW	GWQ-11	1/12/1988	Cobalt	<0.06	mg/L
GW	GWQ-11	1/12/1988	Copper	<0.1	mg/L
GW	GWQ-11	1/12/1988	Iron	<0.1	mg/L
GW	GWQ-11	1/12/1988	Lead	<0.1	mg/L
GW	GWQ-11	1/12/1988	Manganese	<0.06	mg/L
GW	GWQ-11	1/12/1988	Molybdenum	<0.1	mg/L
GW	GWQ-11	1/12/1988	Nickel	<0.1	mg/L
GW	GWQ-11	1/12/1988	Silver	<0.1	mg/L
GW	GWQ-11	1/12/1988	Sulfate	253	mg/L
GW	GWQ-11	1/12/1988	TDS	716	mg/L
GW	GWQ-11	1/12/1988	Zinc	<0.1	mg/L
GW	GWQ-11	1/12/1988	Beryllium	<0.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	1/12/1988	Calcium	126	mg/L
GW	GWQ-11	1/12/1988	Magnesium	31	mg/L
GW	GWQ-11	1/12/1988	Sodium	63	mg/L
GW	GWQ-11	1/12/1988	Bicarbonate	214	mg/L CaCO3
GW	GWQ-11	1/12/1988	Potassium	4	mg/L
GW	NP-5	1/12/1988	Aluminum	<0.1	mg/L
GW	NP-3	1/12/1988	Barium	<0.1	mg/L
GW	NP-5	1/12/1988	Boron	<0.1	mg/L
GW	NP-3	1/12/1988	Cadmium	<0.1	mg/L
GW	NP-3	1/12/1988	Chloride	359	mg/L
GW	NP-3	1/12/1988	Chromium	<0.1	mg/L
GW	NP-3	1/12/1988	Cobalt	<0.05	mg/L
GW	NP-5	1/12/1988	Copper	<0.1	mg/L
GW	NP-3	1/12/1988	Iron	<0.1	mg/L
GW	NP-3	1/12/1988	Lead	<0.1	mg/L
GW	NP-5	1/12/1988	Manganese	0.57	mg/L
GW	NP-3	1/12/1988	Molybdenum	<0.1	mg/L
GW	NP-3	1/12/1988	Nickel	<0.1	mg/L
GW	NP-3	1/12/1988	Silver	<0.1	mg/L
GW	NP-3	1/12/1988	Sulfate	755	mg/L
GW	NP-5	1/12/1988	TDS	1584	mg/L
GW	NP-3	1/12/1988	Zinc	1.1	mg/L
GW	NP-5	1/12/1988	Beryllium	<0.1	mg/L
GW	NP-5	1/12/1988	Calcium	268	mg/L
GW	NP-3	1/12/1988	Magnesium	57	mg/L
GW	NP-5	1/12/1988	Sodium	142	mg/L
GW	NP-5	1/12/1988	Bicarbonate	30	mg/L CaCO3
GW	NP-3	1/12/1988	Potassium	36	mg/L
GW	NP-4	1/12/1988	Aluminum	<0.1	mg/L
GW	NP-4	1/12/1988	Barium	<0.1	mg/L
GW	NP-4	1/12/1988	Boron	<0.1	mg/L
GW	NP-4	1/12/1988	Cadmium	<0.1	mg/L
GW	NP-4	1/12/1988	Chloride	137	mg/L
GW	NP-4	1/12/1988	Chromium	<0.1	mg/L
GW	NP-4	1/12/1988	Cobalt	<0.05	mg/L
GW	NP-4	1/12/1988	Copper	<0.1	mg/L
GW	NP-4	1/12/1988	Iron	<0.1	mg/L
GW	NP-4	1/12/1988	Lead	<0.1	mg/L
GW	NP-4	1/12/1988	Manganese	0.06	mg/L
GW	NP-4	1/12/1988	Molybdenum	<0.1	mg/L
GW	NP-4	1/12/1988	Nickel	<0.1	mg/L
GW	NP-4	1/12/1988	Silver	<0.1	mg/L
GW	NP-4	1/12/1988	Sulfate	258	mg/L
GW	NP-4	1/12/1988	TDS	612	mg/L
GW	NP-4	1/12/1988	Zinc	0.1	mg/L
GW	NP-4	1/12/1988	Beryllium	<0.1	mg/L
GW	NP-4	1/12/1988	Calcium	76	mg/L
GW	NP-4	1/12/1988	Magnesium	21	mg/L
GW	NP-4	1/12/1988	Sodium	86	mg/L
GW	NP-4	1/12/1988	Bicarbonate	24.4	mg/L CaCO3
GW	NP-4	1/12/1988	Potassium	5	mg/L
GW	GWQ-10	4/4/1988	Chloride	65	mg/L
GW	GWQ-10	4/4/1988	Sulfate	170.8	mg/L
GW	GWQ-10	4/4/1988	TDS	562	mg/L
GW	GWQ-11	4/4/1988	Chloride	74.6	mg/L
GW	GWQ-11	4/4/1988	Sulfate	277.7	mg/L
GW	GWQ-11	4/4/1988	TDS	694	mg/L
GW	NP-5	4/4/1988	Chloride	254	mg/L
GW	NP-3	4/4/1988	Sulfate	567	mg/L
GW	NP-5	4/4/1988	TDS	1772	mg/L
GW	NP-4	4/4/1988	Chloride	130.4	mg/L
GW	NP-4	4/4/1988	Sulfate	328.6	mg/L
GW	NP-4	4/4/1988	TDS	610	mg/L
GW	GWQ-10	8/23/1988	Chloride	63	mg/L
GW	GWQ-10	8/23/1988	Sulfate	179.2	mg/L
GW	GWQ-10	8/23/1988	TDS	692	mg/L
GW	GWQ-11	8/23/1988	Chloride	73	mg/L
GW	GWQ-11	8/23/1988	Sulfate	293.6	mg/L
GW	GWQ-11	8/23/1988	TDS	772	mg/L
GW	NP-5	8/23/1988	Chloride	251.4	mg/L
GW	NP-3	8/23/1988	Sulfate	835.2	mg/L
GW	NP-5	8/23/1988	TDS	1744	mg/L
GW	NP-4	8/23/1988	Chloride	132.1	mg/L
GW	NP-4	8/23/1988	Sulfate	292.2	mg/L
GW	NP-4	8/23/1988	TDS	668	mg/L
GW	GWQ-10	2/9/1989	Chloride	76.3	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	2/9/1989	Sulfate	180.5	mg/L
GW	GWQ-10	2/9/1989	TDS	218	mg/L
GW	GWQ-11	2/9/1989	Chloride	77	mg/L
GW	GWQ-11	2/9/1989	Sulfate	258.4	mg/L
GW	GWQ-11	2/9/1989	TDS	730	mg/L
GW	NP-3	2/9/1989	Chloride	254.3	mg/L
GW	NP-3	2/9/1989	Sulfate	763.4	mg/L
GW	NP-3	2/9/1989	TDS	1583	mg/L
GW	NP-4	2/9/1989	Chloride	130	mg/L
GW	NP-4	2/9/1989	Sulfate	266.6	mg/L
GW	NP-4	2/9/1989	TDS	604	mg/L
GW	GWQ-1	3/30/1989	Aluminum	<0.1	mg/L
GW	GWQ-1	3/30/1989	Barium	<0.1	mg/L
GW	GWQ-1	3/30/1989	Boron	<0.1	mg/L
GW	GWQ-1	3/30/1989	Cadmium	<0.1	mg/L
GW	GWQ-1	3/30/1989	Chloride	20	mg/L
GW	GWQ-1	3/30/1989	Chromium	<0.1	mg/L
GW	GWQ-1	3/30/1989	Cobalt	<0.35	mg/L
GW	GWQ-1	3/30/1989	Copper	<0.1	mg/L
GW	GWQ-1	3/30/1989	Iron	<0.1	mg/L
GW	GWQ-1	3/30/1989	Lead	<0.1	mg/L
GW	GWQ-1	3/30/1989	Manganese	<0.05	mg/L
GW	GWQ-1	3/30/1989	Molybdenum	<0.1	mg/L
GW	GWQ-1	3/30/1989	Nickel	<0.1	mg/L
GW	GWQ-1	3/30/1989	Silver	<0.1	mg/L
GW	GWQ-1	3/30/1989	Sulfate	133	mg/L
GW	GWQ-1	3/30/1989	TDS	512	mg/L
GW	GWQ-1	3/30/1989	Zinc	<0.1	mg/L
GW	GWQ-1	3/30/1989	Beryllium	<0.1	mg/L
GW	GWQ-1	3/30/1989	Calcium	84	mg/L
GW	GWQ-1	3/30/1989	Magnesium	16	mg/L
GW	GWQ-1	3/30/1989	Sodium	61	mg/L
GW	GWQ-1	3/30/1989	Bicarbonate	260	mg/L CaCO ₃
GW	GWQ-1	3/30/1989	Potassium	3	mg/L
GW	GWQ-7	3/30/1989	Aluminum	<0.1	mg/L
GW	GWQ-7	3/30/1989	Barium	<0.1	mg/L
GW	GWQ-7	3/30/1989	Boron	<0.1	mg/L
GW	GWQ-7	3/30/1989	Cadmium	<0.1	mg/L
GW	GWQ-7	3/30/1989	Chloride	15.9	mg/L
GW	GWQ-7	3/30/1989	Chromium	<0.1	mg/L
GW	GWQ-7	3/30/1989	Cobalt	<0.35	mg/L
GW	GWQ-7	3/30/1989	Copper	<0.1	mg/L
GW	GWQ-7	3/30/1989	Iron	<0.1	mg/L
GW	GWQ-7	3/30/1989	Lead	<0.1	mg/L
GW	GWQ-7	3/30/1989	Manganese	<0.05	mg/L
GW	GWQ-7	3/30/1989	Molybdenum	<0.1	mg/L
GW	GWQ-7	3/30/1989	Nickel	<0.1	mg/L
GW	GWQ-7	3/30/1989	Silver	<0.1	mg/L
GW	GWQ-7	3/30/1989	Sulfate	131	mg/L
GW	GWQ-7	3/30/1989	TDS	492	mg/L
GW	GWQ-7	3/30/1989	Zinc	0.1	mg/L
GW	GWQ-7	3/30/1989	Beryllium	<0.1	mg/L
GW	GWQ-7	3/30/1989	Calcium	80	mg/L
GW	GWQ-7	3/30/1989	Magnesium	22	mg/L
GW	GWQ-7	3/30/1989	Sodium	47	mg/L
GW	GWQ-7	3/30/1989	Bicarbonate	276	mg/L CaCO ₃
GW	GWQ-7	3/30/1989	Potassium	2	mg/L
GW	NP-1	3/30/1989	Aluminum	<0.1	mg/L
GW	NP-1	3/30/1989	Barium	<0.1	mg/L
GW	NP-1	3/30/1989	Boron	<0.1	mg/L
GW	NP-1	3/30/1989	Cadmium	<0.1	mg/L
GW	NP-1	3/30/1989	Chloride	14.9	mg/L
GW	NP-1	3/30/1989	Chromium	<0.1	mg/L
GW	NP-1	3/30/1989	Cobalt	<0.35	mg/L
GW	NP-1	3/30/1989	Copper	<0.1	mg/L
GW	NP-1	3/30/1989	Iron	<0.1	mg/L
GW	NP-1	3/30/1989	Lead	<0.1	mg/L
GW	NP-1	3/30/1989	Manganese	<0.05	mg/L
GW	NP-1	3/30/1989	Molybdenum	<0.1	mg/L
GW	NP-1	3/30/1989	Nickel	<0.1	mg/L
GW	NP-1	3/30/1989	Silver	<0.1	mg/L
GW	NP-1	3/30/1989	Sulfate	137	mg/L
GW	NP-1	3/30/1989	TDS	492	mg/L
GW	NP-1	3/30/1989	Zinc	2.6	mg/L
GW	NP-1	3/30/1989	Beryllium	<0.1	mg/L
GW	NP-1	3/30/1989	Calcium	85	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	3/30/1989	Magnesium	23	mg/L
GW	NP-1	3/30/1989	Sodium	46	mg/L
GW	NP-1	3/30/1989	Bicarbonate	279	mg/L CaCO3
GW	NP-1	3/30/1989	Potassium	3	mg/L
GW	NP-2	3/30/1989	Aluminum	<0.1	mg/L
GW	NP-2	3/30/1989	Barium	<0.1	mg/L
GW	NP-2	3/30/1989	Boron	<0.1	mg/L
GW	NP-2	3/30/1989	Cadmium	<0.1	mg/L
GW	NP-2	3/30/1989	Chloride	29.2	mg/L
GW	NP-2	3/30/1989	Chromium	<0.1	mg/L
GW	NP-2	3/30/1989	Cobalt	<0.06	mg/L
GW	NP-2	3/30/1989	Copper	<0.1	mg/L
GW	NP-2	3/30/1989	Iron	<0.1	mg/L
GW	NP-2	3/30/1989	Lead	<0.1	mg/L
GW	NP-2	3/30/1989	Manganese	0.06	mg/L
GW	NP-2	3/30/1989	Molybdenum	<0.1	mg/L
GW	NP-2	3/30/1989	Nickel	<0.1	mg/L
GW	NP-2	3/30/1989	Silver	<0.1	mg/L
GW	NP-2	3/30/1989	Sulfate	124	mg/L
GW	NP-2	3/30/1989	TDS	376	mg/L
GW	NP-2	3/30/1989	Zinc	0.5	mg/L
GW	NP-2	3/30/1989	Beryllium	<0.1	mg/L
GW	NP-2	3/30/1989	Calcium	52	mg/L
GW	NP-2	3/30/1989	Magnesium	18	mg/L
GW	NP-2	3/30/1989	Sodium	65	mg/L
GW	NP-2	3/30/1989	Bicarbonate	163	mg/L CaCO3
GW	NP-2	3/30/1989	Potassium	3	mg/L
GW	NP-5	3/30/1989	Aluminum	<0.1	mg/L
GW	NP-5	3/30/1989	Barium	<0.1	mg/L
GW	NP-5	3/30/1989	Boron	<0.1	mg/L
GW	NP-5	3/30/1989	Cadmium	<0.1	mg/L
GW	NP-5	3/30/1989	Chloride	32	mg/L
GW	NP-5	3/30/1989	Chromium	<0.1	mg/L
GW	NP-5	3/30/1989	Cobalt	<0.06	mg/L
GW	NP-5	3/30/1989	Copper	<0.1	mg/L
GW	NP-5	3/30/1989	Iron	<0.1	mg/L
GW	NP-5	3/30/1989	Lead	<0.1	mg/L
GW	NP-5	3/30/1989	Manganese	<0.06	mg/L
GW	NP-5	3/30/1989	Molybdenum	<0.1	mg/L
GW	NP-5	3/30/1989	Nickel	<0.1	mg/L
GW	NP-5	3/30/1989	Silver	<0.1	mg/L
GW	NP-5	3/30/1989	Sulfate	125	mg/L
GW	NP-5	3/30/1989	TDS	458	mg/L
GW	NP-5	3/30/1989	Zinc	0.4	mg/L
GW	NP-5	3/30/1989	Beryllium	<0.1	mg/L
GW	NP-5	3/30/1989	Calcium	82	mg/L
GW	NP-5	3/30/1989	Magnesium	22	mg/L
GW	NP-5	3/30/1989	Sodium	39	mg/L
GW	NP-5	3/30/1989	Bicarbonate	211	mg/L CaCO3
GW	NP-5	3/30/1989	Potassium	3	mg/L
GW	GWQ-10	8/1/1989	Chloride	67.9	mg/L
GW	GWQ-10	8/1/1989	Sulfate	162.7	mg/L
GW	GWQ-10	8/1/1989	TDS	604	mg/L
GW	GWQ-11	8/1/1989	Chloride	69.7	mg/L
GW	GWQ-11	8/1/1989	Sulfate	238.2	mg/L
GW	GWQ-11	8/1/1989	TDS	706	mg/L
GW	NP-3	8/1/1989	Chloride	241.1	mg/L
GW	NP-3	8/1/1989	Sulfate	713.6	mg/L
GW	NP-3	8/1/1989	TDS	1596	mg/L
GW	NP-4	8/1/1989	Chloride	116.4	mg/L
GW	NP-4	8/1/1989	Sulfate	243.5	mg/L
GW	NP-4	8/1/1989	TDS	580	mg/L
GW	GWQ-10	11/30/1989	Chloride	72.1	mg/L
GW	GWQ-10	11/30/1989	Sulfate	181.7	mg/L
GW	GWQ-10	11/30/1989	TDS	620	mg/L
GW	GWQ-11	11/30/1989	Chloride	79.6	mg/L
GW	GWQ-11	11/30/1989	Sulfate	254.3	mg/L
GW	GWQ-11	11/30/1989	TDS	732	mg/L
GW	NP-3	11/30/1989	Chloride	158.9	mg/L
GW	NP-3	11/30/1989	Sulfate	742.9	mg/L
GW	NP-3	11/30/1989	TDS	1600	mg/L
GW	NP-4	11/30/1989	Chloride	98.9	mg/L
GW	NP-4	11/30/1989	Sulfate	237.4	mg/L
GW	NP-4	11/30/1989	TDS	572	mg/L
GW	GWQ-10	11/14/1990	Chloride	92.7	mg/L
GW	GWQ-10	11/14/1990	Sulfate	176	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	11/14/1990	TDS	635	mg/L
GW	GWQ-11	11/14/1990	Chloride	104.4	mg/L
GW	GWQ-11	11/14/1990	Sulfate	257.4	mg/L
GW	GWQ-11	11/14/1990	TDS	748	mg/L
GW	NP-3	11/14/1990	Chloride	228.7	mg/L
GW	NP-3	11/14/1990	Sulfate	821.6	mg/L
GW	NP-3	11/14/1990	TDS	1675	mg/L
GW	NP-4	11/14/1990	Chloride	153.1	mg/L
GW	NP-4	11/14/1990	Sulfate	254.5	mg/L
GW	NP-4	11/14/1990	TDS	262	mg/L
GW	GWQ-10	2/11/1991	Arsenic	<0.001	mg/L
GW	GWQ-10	2/11/1991	Chloride	78.1	mg/L
GW	GWQ-10	2/11/1991	Sulfate	213.5	mg/L
GW	GWQ-10	2/11/1991	TDS	696	mg/L
GW	GWQ-11	2/11/1991	Arsenic	<0.001	mg/L
GW	GWQ-11	2/11/1991	Chloride	85.9	mg/L
GW	GWQ-11	2/11/1991	Sulfate	233.4	mg/L
GW	GWQ-11	2/11/1991	TDS	790	mg/L
GW	NP-3	2/11/1991	Arsenic	<0.001	mg/L
GW	NP-3	2/11/1991	Chloride	255.9	mg/L
GW	NP-3	2/11/1991	Silver	255.9	mg/L
GW	NP-3	2/11/1991	Sulfate	970.5	mg/L
GW	NP-3	2/11/1991	TDS	1551	mg/L
GW	NP-4	2/11/1991	Arsenic	<0.001	mg/L
GW	NP-4	2/11/1991	Chloride	126.1	mg/L
GW	NP-4	2/11/1991	Sulfate	266.9	mg/L
GW	NP-4	2/11/1991	TDS	676	mg/L
GW	GWQ-1	7/19/1991	Arsenic	0.003	mg/L
GW	GWQ-1	7/19/1991	Barium	0.01	mg/L
GW	GWQ-1	7/19/1991	Cadmium	<0.005	mg/L
GW	GWQ-1	7/19/1991	Chloride	21.1	mg/L
GW	GWQ-1	7/19/1991	Chromium	<0.02	mg/L
GW	GWQ-1	7/19/1991	Copper	<0.32	mg/L
GW	GWQ-1	7/19/1991	Fluoride	0.55	mg/L
GW	GWQ-1	7/19/1991	Iron	<0.35	mg/L
GW	GWQ-1	7/19/1991	Lead	<0.005	mg/L
GW	GWQ-1	7/19/1991	Manganese	<0.02	mg/L
GW	GWQ-1	7/19/1991	Mercury	<0.0002	mg/L
GW	GWQ-1	7/19/1991	Nitrate as N (NO3)	5.19	mg/L
GW	GWQ-1	7/19/1991	Selenium	<0.002	mg/L
GW	GWQ-1	7/19/1991	Silver	<0.32	mg/L
GW	GWQ-1	7/19/1991	Sulfate	136.4	mg/L
GW	GWQ-1	7/19/1991	TDS	543	mg/L
GW	GWQ-1	7/19/1991	pH	7.34	pH units
GW	GWQ-1	7/19/1991	Conductivity	799	umhos/cm
GW	GWQ-1	7/19/1991	Calcium	16	mg/L
GW	GWQ-1	7/19/1991	Magnesium	15	mg/L
GW	GWQ-1	7/19/1991	Sodium	39.6	mg/L
GW	GWQ-1	7/19/1991	Bicarbonate	262.4	mg/L CaCO3
GW	GWQ-1	7/19/1991	Carbonate	0	mg/L CaCO3
GW	GWQ-1	7/19/1991	Folassium	2.7	mg/L
GW	GWQ-10	7/19/1991	Arsenic	0.002	mg/L
GW	GWQ-10	7/19/1991	Barium	0.02	mg/L
GW	GWQ-10	7/19/1991	Cadmium	<0.005	mg/L
GW	GWQ-10	7/19/1991	Chloride	83.5	mg/L
GW	GWQ-10	7/19/1991	Chromium	<0.32	mg/L
GW	GWQ-10	7/19/1991	Fluoride	0.51	mg/L
GW	GWQ-10	7/19/1991	Iron	0.07	mg/L
GW	GWQ-10	7/19/1991	Lead	<0.005	mg/L
GW	GWQ-10	7/19/1991	Manganese	<0.32	mg/L
GW	GWQ-10	7/19/1991	Mercury	<0.0002	mg/L
GW	GWQ-10	7/19/1991	Nitrate as N (NO3)	3.85	mg/L
GW	GWQ-10	7/19/1991	Selenium	0.002	mg/L
GW	GWQ-10	7/19/1991	Silver	<0.32	mg/L
GW	GWQ-10	7/19/1991	Sulfate	166.6	mg/L
GW	GWQ-10	7/19/1991	TDS	645	mg/L
GW	GWQ-10	7/19/1991	pH	8.05	pH units
GW	GWQ-10	7/19/1991	Conductivity	975	umhos/cm
GW	GWQ-10	7/19/1991	Calcium	106.3	mg/L
GW	GWQ-10	7/19/1991	Magnesium	24.1	mg/L
GW	GWQ-10	7/19/1991	Sodium	46.9	mg/L
GW	GWQ-10	7/19/1991	Bicarbonate	241.8	mg/L CaCO3
GW	GWQ-10	7/19/1991	Carbonate	0	mg/L CaCO3
GW	GWQ-10	7/19/1991	Folassium	3.9	mg/L
GW	GWQ-11	7/19/1991	Arsenic	0.004	mg/L
GW	GWQ-11	7/19/1991	Barium	0.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	7/19/1991	Cadmium	<0.005	mg/L
GW	GWQ-11	7/19/1991	Chloride	89.7	mg/L
GW	GWQ-11	7/19/1991	Chromium	<0.02	mg/L
GW	GWQ-11	7/19/1991	Fluoride	0.74	mg/L
GW	GWQ-11	7/19/1991	Iron	<0.05	mg/L
GW	GWQ-11	7/19/1991	Lead	<0.002	mg/L
GW	GWQ-11	7/19/1991	Manganese	<0.02	mg/L
GW	GWQ-11	7/19/1991	Mercury	<0.0002	mg/L
GW	GWQ-11	7/19/1991	Nitrate as N (NO3)	3.93	mg/L
GW	GWQ-11	7/19/1991	Selenium	0.002	mg/L
GW	GWQ-11	7/19/1991	Silver	<0.02	mg/L
GW	GWQ-11	7/19/1991	Sulfate	210.2	mg/L
GW	GWQ-11	7/19/1991	TDS	785	mg/L
GW	GWQ-11	7/19/1991	pH	7.36	pH units
GW	GWQ-11	7/19/1991	Conductivity	1100	umhos/cm
GW	GWQ-11	7/19/1991	Calcium	122.5	mg/L
GW	GWQ-11	7/19/1991	Magnesium	33.6	mg/L
GW	GWQ-11	7/19/1991	Sodium	40.1	mg/L
GW	GWQ-11	7/19/1991	Bicarbonate	220.9	mg/L CaCO3
GW	GWQ-11	7/19/1991	Carbonate	0	mg/L CaCO3
GW	GWQ-11	7/19/1991	Potassium	3.9	mg/L
GW	IW-1	7/19/1991	Arsenic	<0.002	mg/L
GW	IW-1	7/19/1991	Barium	<0.01	mg/L
GW	IW-1	7/19/1991	Cadmium	<0.005	mg/L
GW	IW-1	7/19/1991	Chloride	632.6	mg/L
GW	IW-1	7/19/1991	Chromium	<0.02	mg/L
GW	IW-1	7/19/1991	Copper	<0.02	mg/L
GW	IW-1	7/19/1991	Fluoride	0.69	mg/L
GW	IW-1	7/19/1991	Iron	<0.05	mg/L
GW	IW-1	7/19/1991	Lead	<0.005	mg/L
GW	IW-1	7/19/1991	Manganese	<0.02	mg/L
GW	IW-1	7/19/1991	Mercury	0.0005	mg/L
GW	IW-1	7/19/1991	Nitrate as N (NO3)	9.08	mg/L
GW	IW-1	7/19/1991	Selenium	0.015	mg/L
GW	IW-1	7/19/1991	Silver	<0.02	mg/L
GW	IW-1	7/19/1991	Sulfate	1985	mg/L
GW	IW-1	7/19/1991	TDS	4235	mg/L
GW	IW-1	7/19/1991	pH	7.87	pH units
GW	IW-1	7/19/1991	Conductivity	6460	umhos/cm
GW	IW-1	7/19/1991	Calcium	635.5	mg/L
GW	IW-1	7/19/1991	Magnesium	181.6	mg/L
GW	IW-1	7/19/1991	Sodium	375	mg/L
GW	IW-1	7/19/1991	Bicarbonate	222.1	mg/L CaCO3
GW	IW-1	7/19/1991	Carbonate	0	mg/L CaCO3
GW	IW-1	7/19/1991	Potassium	7	mg/L
GW	NP-1	7/19/1991	Arsenic	0.003	mg/L
GW	NP-1	7/19/1991	Barium	0.02	mg/L
GW	NP-1	7/19/1991	Cadmium	<0.005	mg/L
GW	NP-1	7/19/1991	Chloride	21.6	mg/L
GW	NP-1	7/19/1991	Chromium	<0.02	mg/L
GW	NP-1	7/19/1991	Fluoride	0.68	mg/L
GW	NP-1	7/19/1991	Iron	0.59	mg/L
GW	NP-1	7/19/1991	Lead	0.007	mg/L
GW	NP-1	7/19/1991	Manganese	<0.02	mg/L
GW	NP-1	7/19/1991	Mercury	<0.0002	mg/L
GW	NP-1	7/19/1991	Nitrate as N (NO3)	0.99	mg/L
GW	NP-1	7/19/1991	Selenium	<0.002	mg/L
GW	NP-1	7/19/1991	Silver	<0.02	mg/L
GW	NP-1	7/19/1991	Sulfate	133.4	mg/L
GW	NP-1	7/19/1991	TDS	530	mg/L
GW	NP-1	7/19/1991	pH	8.04	pH units
GW	NP-1	7/19/1991	Conductivity	761	umhos/cm
GW	NP-1	7/19/1991	Calcium	81.1	mg/L
GW	NP-1	7/19/1991	Magnesium	23.9	mg/L
GW	NP-1	7/19/1991	Sodium	31.2	mg/L
GW	NP-1	7/19/1991	Bicarbonate	256.5	mg/L CaCO3
GW	NP-1	7/19/1991	Carbonate	0	mg/L CaCO3
GW	NP-1	7/19/1991	Potassium	2	mg/L
GW	NP-2	7/19/1991	Arsenic	<0.002	mg/L
GW	NP-2	7/19/1991	Barium	<0.01	mg/L
GW	NP-2	7/19/1991	Cadmium	<0.005	mg/L
GW	NP-2	7/19/1991	Chloride	60.9	mg/L
GW	NP-2	7/19/1991	Chromium	<0.02	mg/L
GW	NP-2	7/19/1991	Copper	<0.02	mg/L
GW	NP-2	7/19/1991	Fluoride	0.64	mg/L
GW	NP-2	7/19/1991	Iron	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	7/19/1991	Lead	<0.005	mg/L
GW	NP-2	7/19/1991	Manganese	<0.32	mg/L
GW	NP-2	7/19/1991	Mercury	<0.0002	mg/L
GW	NP-2	7/19/1991	Nitrate as N (NO3)	0.02	mg/L
GW	NP-2	7/19/1991	Selenium	0.015	mg/L
GW	NP-2	7/19/1991	Silver	<0.02	mg/L
GW	NP-2	7/19/1991	Sulfate	180.6	mg/L
GW	NP-2	7/19/1991	TDS	453	mg/L
GW	NP-2	7/19/1991	pH	7.55	pH units
GW	NP-2	7/19/1991	Conductivity	726	umhos/cm
GW	NP-2	7/19/1991	Calcium	34.2	mg/L
GW	NP-2	7/19/1991	Magnesium	24	mg/L
GW	NP-2	7/19/1991	Sodium	47.6	mg/L
GW	NP-2	7/19/1991	Bicarbonate	58.1	mg/L CaCO3
GW	NP-2	7/19/1991	Carbonate	0	mg/L CaCO3
GW	NP-2	7/19/1991	Potassium	0.8	mg/L
GW	NP-3	7/19/1991	Arsenic	<0.002	mg/L
GW	NP-3	7/19/1991	Barium	<0.31	mg/L
GW	NP-3	7/19/1991	Cadmium	<0.005	mg/L
GW	NP-3	7/19/1991	Chloride	239.2	mg/L
GW	NP-3	7/19/1991	Chromium	<0.32	mg/L
GW	NP-3	7/19/1991	Copper	<0.02	mg/L
GW	NP-3	7/19/1991	Fluoride	0.66	mg/L
GW	NP-3	7/19/1991	Iron	0.25	mg/L
GW	NP-3	7/19/1991	Lead	<0.005	mg/L
GW	NP-3	7/19/1991	Manganese	0.05	mg/L
GW	NP-3	7/19/1991	Mercury	0.0002	mg/L
GW	NP-3	7/19/1991	Nitrate as N (NO3)	0.23	mg/L
GW	NP-3	7/19/1991	Selenium	0.011	mg/L
GW	NP-3	7/19/1991	Silver	<0.02	mg/L
GW	NP-3	7/19/1991	Sulfate	820.5	mg/L
GW	NP-3	7/19/1991	TDS	1883	mg/L
GW	NP-3	7/19/1991	pH	9.29	pH units
GW	NP-3	7/19/1991	Conductivity	2520	umhos/cm
GW	NP-3	7/19/1991	Calcium	287	mg/L
GW	NP-3	7/19/1991	Magnesium	53.4	mg/L
GW	NP-3	7/19/1991	Sodium	189.7	mg/L
GW	NP-3	7/19/1991	Bicarbonate	191.6	mg/L CaCO3
GW	NP-3	7/19/1991	Carbonate	0	mg/L CaCO3
GW	NP-3	7/19/1991	Potassium	7	mg/L
GW	NP-4	7/19/1991	Arsenic	<0.002	mg/L
GW	NP-4	7/19/1991	Barium	0.35	mg/L
GW	NP-4	7/19/1991	Cadmium	<0.005	mg/L
GW	NP-4	7/19/1991	Chloride	112.5	mg/L
GW	NP-4	7/19/1991	Chromium	<0.02	mg/L
GW	NP-4	7/19/1991	Fluoride	0.41	mg/L
GW	NP-4	7/19/1991	Iron	5.14	mg/L
GW	NP-4	7/19/1991	Lead	<0.005	mg/L
GW	NP-4	7/19/1991	Manganese	<0.32	mg/L
GW	NP-4	7/19/1991	Mercury	<0.0002	mg/L
GW	NP-4	7/19/1991	Nitrate as N (NO3)	0.07	mg/L
GW	NP-4	7/19/1991	Selenium	<0.002	mg/L
GW	NP-4	7/19/1991	Silver	<0.02	mg/L
GW	NP-4	7/19/1991	Sulfate	196.5	mg/L
GW	NP-4	7/19/1991	TDS	532	mg/L
GW	NP-4	7/19/1991	pH	7.01	pH units
GW	NP-4	7/19/1991	Conductivity	802	umhos/cm
GW	NP-4	7/19/1991	Calcium	63.4	mg/L
GW	NP-4	7/19/1991	Magnesium	20.8	mg/L
GW	NP-4	7/19/1991	Sodium	66.7	mg/L
GW	NP-4	7/19/1991	Bicarbonate	54.9	mg/L CaCO3
GW	NP-4	7/19/1991	Carbonate	0	mg/L CaCO3
GW	NP-4	7/19/1991	Potassium	3.1	mg/L
GW	GWQ-1C	8/29/1991	Chloride	94.7	mg/L
GW	GWQ-1C	8/29/1991	Sulfate	191.7	mg/L
GW	GWQ-10	8/29/1991	TDS	665	mg/L
GW	GWQ-1C	8/29/1991	pH	7.44	pH units
GW	GWQ-11	8/29/1991	Chloride	92.6	mg/L
GW	GWQ-11	8/29/1991	Sulfate	276.6	mg/L
GW	GWQ-11	8/29/1991	TDS	771	mg/L
GW	GWQ-11	8/29/1991	pH	7.46	pH units
GW	IW-1	8/29/1991	Chloride	642.4	mg/L
GW	IW-1	8/29/1991	Sulfate	1917.9	mg/L
GW	IW-1	8/29/1991	TDS	4120	mg/L
GW	IW-1	8/29/1991	pH	7.13	pH units
GW	NP-1	5/29/1991	Chloride	21.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	8/29/1991	Sulfate	140.1	mg/L
GW	NP-1	8/29/1991	TDS	501	mg/L
GW	NP-1	8/29/1991	pH	7.69	pH units
GW	NP-2	8/29/1991	Chloride	62.8	mg/L
GW	NP-2	8/29/1991	Sulfate	197.6	mg/L
GW	NP-2	8/29/1991	TDS	471	mg/L
GW	NP-2	8/29/1991	pH	8.11	pH units
GW	NP-3	8/29/1991	Chloride	254.3	mg/L
GW	NP-3	8/29/1991	Sulfate	854.1	mg/L
GW	NP-3	8/29/1991	TDS	1616	mg/L
GW	NP-3	8/29/1991	pH	7.84	pH units
GW	NP-4	8/29/1991	Chloride	110.7	mg/L
GW	NP-4	8/29/1991	Sulfate	232	mg/L
GW	NP-4	8/29/1991	TDS	532	mg/L
GW	NP-4	8/29/1991	pH	9.37	pH units
GW	NP-5	8/29/1991	Chloride	35.7	mg/L
GW	NP-5	8/29/1991	Sulfate	152.1	mg/L
GW	NP-5	8/29/1991	TDS	499	mg/L
GW	NP-5	8/29/1991	pH	7.68	pH units
GW	GWQ-1C	11/26/1991	Chloride	58.2	mg/L
GW	GWQ-1C	11/26/1991	Sulfate	171.2	mg/L
GW	GWQ-10	11/26/1991	TDS	646	mg/L
GW	GWQ-1C	11/26/1991	pH	7.46	pH units
GW	GWQ-11	11/26/1991	Chloride	89.3	mg/L
GW	GWQ-11	11/26/1991	Sulfate	240.7	mg/L
GW	GWQ-11	11/26/1991	TDS	770	mg/L
GW	GWQ-11	11/26/1991	pH	7.29	pH units
GW	IW-1	11/26/1991	Chloride	615.1	mg/L
GW	IW-1	11/26/1991	Sulfate	1634	mg/L
GW	IW-1	11/26/1991	TDS	3979	mg/L
GW	IW-1	11/26/1991	pH	7.53	pH units
GW	NP-1	11/26/1991	Chloride	22.1	mg/L
GW	NP-1	11/26/1991	Sulfate	138.6	mg/L
GW	NP-1	11/26/1991	TDS	1484	mg/L
GW	NP-1	11/26/1991	pH	7.12	pH units
GW	NP-2	11/26/1991	Chloride	63	mg/L
GW	NP-2	11/26/1991	Sulfate	170	mg/L
GW	NP-2	11/26/1991	TDS	460	mg/L
GW	NP-2	11/26/1991	pH	7.45	pH units
GW	NP-3	11/26/1991	Chloride	246.1	mg/L
GW	NP-3	11/26/1991	Sulfate	745.2	mg/L
GW	NP-3	11/26/1991	TDS	1613	mg/L
GW	NP-3	11/26/1991	pH	7.08	pH units
GW	NP-4	11/26/1991	Chloride	99	mg/L
GW	NP-4	11/26/1991	Sulfate	193.6	mg/L
GW	NP-4	11/26/1991	TDS	522	mg/L
GW	NP-4	11/26/1991	pH	8.54	pH units
GW	NP-5	11/26/1991	Chloride	37.7	mg/L
GW	NP-5	11/26/1991	Sulfate	129.5	mg/L
GW	NP-5	11/26/1991	TDS	472	mg/L
GW	NP-5	11/26/1991	pH	7	pH units
GW	GWQ-1C	3/15/1992	Chloride	82.5	mg/L
GW	GWQ-10	3/15/1992	Sulfate	191.6	mg/L
GW	GWQ-1C	3/15/1992	TDS	641	mg/L
GW	GWQ-1C	3/15/1992	pH	7.85	pH units
GW	GWQ-11	3/15/1992	Chloride	65.1	mg/L
GW	GWQ-11	3/15/1992	Sulfate	260.2	mg/L
GW	GWQ-11	3/15/1992	TDS	765	mg/L
GW	GWQ-11	3/15/1992	pH	7.91	pH units
GW	IW-1	3/15/1992	Chloride	610.7	mg/L
GW	IW-1	3/15/1992	Sulfate	2201	mg/L
GW	IW-1	3/15/1992	TDS	4026	mg/L
GW	IW-1	3/15/1992	pH	7.85	pH units
GW	NP-1	3/15/1992	Chloride	22.1	mg/L
GW	NP-1	3/15/1992	Sulfate	146.2	mg/L
GW	NP-1	3/15/1992	TDS	510	mg/L
GW	NP-1	3/15/1992	pH	7.8	pH units
GW	NP-2	3/15/1992	Chloride	67.6	mg/L
GW	NP-2	3/15/1992	Iron	<0.05	mg/L
GW	NP-2	3/15/1992	Sulfate	194.2	mg/L
GW	NP-2	3/15/1992	TDS	487	mg/L
GW	NP-2	3/15/1992	pH	8.07	pH units
GW	NP-3	3/15/1992	Chloride	227.6	mg/L
GW	NP-3	3/15/1992	Sulfate	921.3	mg/L
GW	NP-3	3/15/1992	TDS	1644	mg/L
GW	NP-3	3/15/1992	pH	7.63	pH units

GROUNDWATER ANALYSIS DATA

GW	NP-4	3/15/1992	Chloride	102.9	mg/L
GW	NP-4	3/15/1992	Sulfate	216.5	mg/L
GW	NP-4	3/15/1992	TDS	465	mg/L
GW	NP-4	3/15/1992	pH	8.05	pH units
GW	NP-5	3/15/1992	Chloride	46.7	mg/L
GW	NP-5	3/15/1992	Sulfate	140.7	mg/L
GW	NP-5	3/15/1992	TDS	456	mg/L
GW	NP-5	3/15/1992	pH	7.89	pH units
GW	GWQ-10	5/25/1992	Chloride	83.8	mg/L
GW	GWQ-10	5/25/1992	Sulfate	189.2	mg/L
GW	GWQ-10	5/25/1992	TDS	621	mg/L
GW	GWQ-10	5/25/1992	pH	7.41	pH units
GW	GWQ-11	5/25/1992	Chloride	96.2	mg/L
GW	GWQ-11	5/25/1992	Sulfate	256.1	mg/L
GW	GWQ-11	5/25/1992	TDS	761	mg/L
GW	GWQ-11	5/25/1992	pH	7.45	pH units
GW	IW-1	5/25/1992	Chloride	506.2	mg/L
GW	IW-1	5/25/1992	Sulfate	2203	mg/L
GW	IW-1	5/25/1992	TDS	4155	mg/L
GW	IW-1	5/25/1992	pH	7.09	pH units
GW	NP-1	5/25/1992	Chloride	28.6	mg/L
GW	NP-1	5/25/1992	Sulfate	126.2	mg/L
GW	NP-1	5/25/1992	TDS	608	mg/L
GW	NP-1	5/25/1992	pH	7.49	pH units
GW	NP-2	5/25/1992	Chloride	66.6	mg/L
GW	NP-2	5/25/1992	Iron	<0.06	mg/L
GW	NP-2	5/25/1992	Sulfate	161.7	mg/L
GW	NP-2	5/25/1992	TDS	456	mg/L
GW	NP-2	5/25/1992	pH	8.34	pH units
GW	NP-3	5/25/1992	Chloride	218.4	mg/L
GW	NP-3	5/25/1992	Sulfate	752.9	mg/L
GW	NP-3	5/25/1992	TDS	1807	mg/L
GW	NP-3	5/25/1992	pH	7.85	pH units
GW	NP-4	5/25/1992	Chloride	106.2	mg/L
GW	NP-4	5/25/1992	Sulfate	171.4	mg/L
GW	NP-4	5/25/1992	TDS	439	mg/L
GW	NP-4	5/25/1992	pH	8.62	pH units
GW	NP-5	5/25/1992	Chloride	75.5	mg/L
GW	NP-5	5/25/1992	Sulfate	131.1	mg/L
GW	NP-5	5/25/1992	TDS	490	mg/L
GW	NP-5	5/25/1992	pH	7.8	pH units
GW	GWQ-10	7/16/1992	Chloride	76.5	mg/L
GW	GWQ-10	7/16/1992	Sulfate	188.6	mg/L
GW	GWQ-10	7/16/1992	TDS	626	mg/L
GW	GWQ-10	7/16/1992	pH	7.51	pH units
GW	IW-1	7/16/1992	Chloride	564.6	mg/L
GW	IW-1	7/16/1992	Sulfate	1775	mg/L
GW	IW-1	7/16/1992	TDS	4297	mg/L
GW	IW-1	7/16/1992	pH	7.12	pH units
GW	NP-1	7/16/1992	Chloride	21.7	mg/L
GW	NP-1	7/16/1992	Sulfate	142.2	mg/L
GW	NP-1	7/16/1992	TDS	487	mg/L
GW	NP-1	7/16/1992	pH	7.6	pH units
GW	NP-2	7/16/1992	Chloride	65.3	mg/L
GW	NP-2	7/16/1992	Iron	<0.06	mg/L
GW	NP-2	7/16/1992	Sulfate	163.7	mg/L
GW	NP-2	7/16/1992	TDS	479	mg/L
GW	NP-2	7/16/1992	pH	8.15	pH units
GW	NP-3	7/16/1992	Chloride	226.1	mg/L
GW	NP-3	7/16/1992	Sulfate	802.2	mg/L
GW	NP-3	7/16/1992	TDS	1678	mg/L
GW	NP-3	7/16/1992	pH	7.26	pH units
GW	NP-4	7/16/1992	Chloride	94.4	mg/L
GW	NP-4	7/16/1992	Sulfate	178.6	mg/L
GW	NP-4	7/16/1992	TDS	458	mg/L
GW	NP-4	7/16/1992	pH	7.64	pH units
GW	NP-5	7/16/1992	Chloride	37.8	mg/L
GW	NP-5	7/16/1992	Sulfate	132.4	mg/L
GW	NP-5	7/16/1992	TDS	476	mg/L
GW	NP-5	7/16/1992	pH	7.65	pH units
GW	GWQ-10	10/6/1992	Chloride	83.4	mg/L
GW	GWQ-10	10/6/1992	Sulfate	181.4	mg/L
GW	GWQ-10	10/6/1992	TDS	659	mg/L
GW	GWQ-10	10/6/1992	pH	7.43	pH units
GW	GWQ-11	10/6/1992	Chloride	96	mg/L
GW	GWQ-11	10/6/1992	Sulfate	226.9	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	10/8/1992	TDS	755	mg/L
GW	GWQ-11	10/8/1992	pH	7.42	pH units
GW	IW-1	10/8/1992	Chloride	616.9	mg/L
GW	IW-1	10/8/1992	Sulfate	1726.0	mg/L
GW	IW-1	10/8/1992	TDS	3996	mg/L
GW	IW-1	10/8/1992	pH	6.96	pH units
GW	NP-1	10/8/1992	Chloride	21.7	mg/L
GW	NP-1	10/8/1992	Sulfate	128.6	mg/L
GW	NP-1	10/8/1992	TDS	517	mg/L
GW	NP-1	10/8/1992	pH	7.35	pH units
GW	NP-2	10/8/1992	Chloride	78.2	mg/L
GW	NP-2	10/8/1992	Sulfate	176.9	mg/L
GW	NP-2	10/8/1992	TDS	494	mg/L
GW	NP-2	10/8/1992	pH	8.28	pH units
GW	NP-3	10/8/1992	Chloride	211.6	mg/L
GW	NP-3	10/8/1992	Sulfate	799.1	mg/L
GW	NP-3	10/8/1992	TDS	1445	mg/L
GW	NP-3	10/8/1992	pH	7.69	pH units
GW	NP-4	10/8/1992	Chloride	102.9	mg/L
GW	NP-4	10/8/1992	Sulfate	182.9	mg/L
GW	NP-4	10/8/1992	TDS	535	mg/L
GW	NP-4	10/8/1992	pH	9.01	pH units
GW	NP-5	10/8/1992	Chloride	39.4	mg/L
GW	NP-5	10/8/1992	Sulfate	133.2	mg/L
GW	NP-5	10/8/1992	TDS	431	mg/L
GW	NP-5	10/8/1992	pH	7.64	pH units
GW	GWQ-10	11/27/1992	Chloride	80.5	mg/L
GW	GWQ-10	11/27/1992	Sulfate	174.4	mg/L
GW	GWQ-10	11/27/1992	TDS	654	mg/L
GW	GWQ-10	11/27/1992	pH	7.89	pH units
GW	GWQ-11	11/27/1992	Chloride	96	mg/L
GW	GWQ-11	11/27/1992	Sulfate	248.4	mg/L
GW	GWQ-11	11/27/1992	TDS	783	mg/L
GW	GWQ-11	11/27/1992	pH	7.85	pH units
GW	IW-1	11/27/1992	Chloride	604.6	mg/L
GW	IW-1	11/27/1992	Sulfate	1716.6	mg/L
GW	IW-1	11/27/1992	TDS	4004	mg/L
GW	IW-1	11/27/1992	pH	7.71	pH units
GW	NP-1	11/27/1992	Chloride	21.5	mg/L
GW	NP-1	11/27/1992	Sulfate	142.4	mg/L
GW	NP-1	11/27/1992	TDS	498	mg/L
GW	NP-1	11/27/1992	pH	7.85	pH units
GW	NP-2	11/27/1992	Chloride	63.7	mg/L
GW	NP-2	11/27/1992	Sulfate	179.4	mg/L
GW	NP-2	11/27/1992	TDS	451	mg/L
GW	NP-2	11/27/1992	pH	8.36	pH units
GW	NP-3	11/27/1992	Chloride	254.7	mg/L
GW	NP-3	11/27/1992	Sulfate	796.1	mg/L
GW	NP-3	11/27/1992	TDS	1640	mg/L
GW	NP-3	11/27/1992	pH	7.49	pH units
GW	NP-4	11/27/1992	Chloride	97.5	mg/L
GW	NP-4	11/27/1992	Sulfate	201.7	mg/L
GW	NP-4	11/27/1992	TDS	495	mg/L
GW	NP-4	11/27/1992	pH	8.12	pH units
GW	NP-5	11/27/1992	Chloride	117.2	mg/L
GW	NP-5	11/27/1992	Sulfate	133.9	mg/L
GW	NP-5	11/27/1992	TDS	475	mg/L
GW	NP-5	11/27/1992	pH	8.01	pH units
GW	Saladone Well	12/5/1992	Nitrate as N (NO3)	0.19	mg/L
GW	Saladone Well	12/5/1992	Sulfate	23	mg/L
GW	Saladone Well	12/5/1992	TDS	354	mg/L
GW	Saladone Well	12/5/1992	pH	7.91	pH units
GW	Saladone Well	12/5/1992	Conductivity	429	umhos/cm
GW	Saladone Well	12/5/1992	Calcium	54.8	mg/L
GW	Saladone Well	12/5/1992	Magnesium	23	mg/L
GW	Saladone Well	12/5/1992	Sodium	22.4	mg/L
GW	Saladone Well	12/5/1992	Bicarbonate	213.2	mg/L CaCO3
GW	Saladone Well	12/5/1992	Carbonate	<0.3	mg/L CaCO3
GW	Saladone Well	12/5/1992	Potassium	2.16	mg/L
GW	GWQ-10	12/15/1992	Chloride	90.9	mg/L
GW	GWQ-10	12/15/1992	Sulfate	186.7	mg/L
GW	GWQ-10	12/15/1992	TDS	582	mg/L
GW	GWQ-10	12/15/1992	pH	7.46	pH units
GW	GWQ-11	12/15/1992	Chloride	98.1	mg/L
GW	GWQ-11	12/15/1992	Copper	0.017	mg/L
GW	GWQ-11	12/15/1992	Sulfate	220	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	12/15/1992	TDS	1.41	mg/L
GW	GWQ-11	12/15/1992	pH	7.59	pH units
GW	IW-1	12/15/1992	Chloride	608.9	mg/L
GW	IW-1	12/15/1992	Sulfate	1414.6	mg/L
GW	IW-1	12/15/1992	TDS	3969	mg/L
GW	IW-1	12/15/1992	pH	7.4	pH units
GW	NP-1	12/15/1992	Chloride	23.7	mg/L
GW	NP-1	12/15/1992	Sulfate	125	mg/L
GW	NP-1	12/15/1992	TDS	502	mg/L
GW	NP-1	12/15/1992	pH	7.56	pH units
GW	NP-2	12/15/1992	Chloride	82.5	mg/L
GW	NP-2	12/15/1992	Iron	<0.35	mg/L
GW	NP-2	12/15/1992	Sulfate	166.5	mg/L
GW	NP-2	12/15/1992	TDS	612	mg/L
GW	NP-2	12/15/1992	pH	9.43	pH units
GW	NP-3	12/15/1992	Chloride	223.2	mg/L
GW	NP-3	12/15/1992	Copper	0.01	mg/L
GW	NP-3	12/15/1992	Sulfate	545.3	mg/L
GW	NP-3	12/15/1992	TDS	1558	mg/L
GW	NP-3	12/15/1992	pH	7.75	pH units
GW	NP-4	12/15/1992	Chloride	84.4	mg/L
GW	NP-4	12/15/1992	Sulfate	151.2	mg/L
GW	NP-4	12/15/1992	TDS	424	mg/L
GW	NP-4	12/15/1992	pH	9.52	pH units
GW	NP-5	12/15/1992	Chloride	40.4	mg/L
GW	NP-5	12/15/1992	Copper	0.025	mg/L
GW	NP-5	12/15/1992	Sulfate	104	mg/L
GW	NP-5	12/15/1992	TDS	402	mg/L
GW	NP-5	12/15/1992	pH	7.8	pH units
GW	GWQ-10	2/25/1993	Chloride	95.5	mg/L
GW	GWQ-10	2/25/1993	Sulfate	175.6	mg/L
GW	GWQ-10	2/25/1993	TDS	620	mg/L
GW	GWQ-10	2/25/1993	pH	7.38	pH units
GW	GWQ-11	2/25/1993	Chloride	104	mg/L
GW	GWQ-11	2/25/1993	Sulfate	273.3	mg/L
GW	GWQ-11	2/25/1993	TDS	762	mg/L
GW	GWQ-11	2/25/1993	pH	7.64	pH units
GW	IW-3	2/25/1993	Chloride	568.5	mg/L
GW	IW-3	2/25/1993	Sulfate	1738.9	mg/L
GW	IW-3	2/25/1993	TDS	3892	mg/L
GW	IW-3	2/25/1993	pH	7.27	pH units
GW	NP-1	2/25/1993	Chloride	22.6	mg/L
GW	NP-1	2/25/1993	Sulfate	138.3	mg/L
GW	NP-1	2/25/1993	TDS	510	mg/L
GW	NP-1	2/25/1993	pH	7.42	pH units
GW	NP-2	2/25/1993	Chloride	77.8	mg/L
GW	NP-2	2/25/1993	Sulfate	197.2	mg/L
GW	NP-2	2/25/1993	TDS	475	mg/L
GW	NP-2	2/25/1993	pH	8.62	pH units
GW	NP-3	2/25/1993	Chloride	219.3	mg/L
GW	NP-3	2/25/1993	Sulfate	193.8	mg/L
GW	NP-3	2/25/1993	TDS	1580	mg/L
GW	NP-3	2/25/1993	pH	7.65	pH units
GW	NP-4	2/25/1993	Chloride	78.8	mg/L
GW	NP-4	2/25/1993	Sulfate	150.5	mg/L
GW	NP-4	2/25/1993	TDS	349	mg/L
GW	NP-4	2/25/1993	pH	9.85	pH units
GW	NP-5	2/25/1993	Chloride	41.4	mg/L
GW	NP-5	2/25/1993	Sulfate	140.8	mg/L
GW	NP-5	2/25/1993	TDS	487	mg/L
GW	NP-5	2/25/1993	pH	7.65	pH units
GW	GWQ-10	3/30/1993	Aluminum	<0.1	mg/L
GW	GWQ-10	3/30/1993	Arsenic	<0.005	mg/L
GW	GWQ-10	3/30/1993	Barium	<0.5	mg/L
GW	GWQ-10	3/30/1993	Boron	0.04	mg/L
GW	GWQ-10	3/30/1993	Cadmium	<0.002	mg/L
GW	GWQ-10	3/30/1993	Chloride	94	mg/L
GW	GWQ-10	3/30/1993	Chromium	<0.02	mg/L
GW	GWQ-10	3/30/1993	Cobalt	<0.05	mg/L
GW	GWQ-10	3/30/1993	Copper	<0.31	mg/L
GW	GWQ-10	3/30/1993	Cyanide	<0.01	mg/L
GW	GWQ-10	3/30/1993	Fluoride	0.52	mg/L
GW	GWQ-10	3/30/1993	Iron	<0.35	mg/L
GW	GWQ-10	3/30/1993	Lead	<0.02	mg/L
GW	GWQ-10	3/30/1993	Manganese	<0.10	mg/L
GW	GWQ-10	3/30/1993	Mercury	<0.001	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	3/30/1993	Molybdenum	<0.02	mg/L
GW	GWQ-10	3/30/1993	Nickel	<0.31	mg/L
GW	GWQ-10	3/30/1993	Nitrate as N (NO3)	3.9	mg/L
GW	GWQ-10	3/30/1993	Selenium	<0.005	mg/L
GW	GWQ-10	3/30/1993	Silver	<0.01	mg/L
GW	GWQ-10	3/30/1993	Sulfate	183	mg/L
GW	GWQ-10	3/30/1993	TDS	642	mg/L
GW	GWQ-10	3/30/1993	Zinc	0.11	mg/L
GW	GWQ-10	3/30/1993	pH	7.8	pH units
GW	GWQ-10	3/30/1993	Conductivity	1020	umhos/cm
GW	GWQ-10	3/30/1993	Calcium	104	mg/L
GW	GWQ-10	3/30/1993	Magnesium	27	mg/L
GW	GWQ-10	3/30/1993	Sodium	71	mg/L
GW	GWQ-10	3/30/1993	Bicarbonate	254	mg/L CaCO3
GW	GWQ-10	3/30/1993	Carbonate	0	mg/L CaCO3
GW	GWQ-10	3/30/1993	Potassium	2.3	mg/L
GW	GWQ-11	3/30/1993	Aluminum	0.2	mg/L
GW	GWQ-11	3/30/1993	Arsenic	<0.005	mg/L
GW	GWQ-11	3/30/1993	Barium	<0.5	mg/L
GW	GWQ-11	3/30/1993	Boron	0.04	mg/L
GW	GWQ-11	3/30/1993	Cadmium	<0.002	mg/L
GW	GWQ-11	3/30/1993	Chloride	104	mg/L
GW	GWQ-11	3/30/1993	Chromium	<0.32	mg/L
GW	GWQ-11	3/30/1993	Cobalt	<0.05	mg/L
GW	GWQ-11	3/30/1993	Copper	<0.31	mg/L
GW	GWQ-11	3/30/1993	Cyanide	<0.01	mg/L
GW	GWQ-11	3/30/1993	Fluoride	0.52	mg/L
GW	GWQ-11	3/30/1993	Iron	0.33	mg/L
GW	GWQ-11	3/30/1993	Lead	<0.02	mg/L
GW	GWQ-11	3/30/1993	Manganese	0.03	mg/L
GW	GWQ-11	3/30/1993	Mercury	<0.001	mg/L
GW	GWQ-11	3/30/1993	Molybdenum	<0.02	mg/L
GW	GWQ-11	3/30/1993	Nickel	<0.31	mg/L
GW	GWQ-11	3/30/1993	Nitrate as N (NO3)	4.1	mg/L
GW	GWQ-11	3/30/1993	Selenium	<0.005	mg/L
GW	GWQ-11	3/30/1993	Silver	<0.01	mg/L
GW	GWQ-11	3/30/1993	Sulfate	271	mg/L
GW	GWQ-11	3/30/1993	TDS	776	mg/L
GW	GWQ-11	3/30/1993	Zinc	0.03	mg/L
GW	GWQ-11	3/30/1993	pH	7.7	pH units
GW	GWQ-11	3/30/1993	Conductivity	1170	umhos/cm
GW	GWQ-11	3/30/1993	Calcium	126	mg/L
GW	GWQ-11	3/30/1993	Magnesium	34	mg/L
GW	GWQ-11	3/30/1993	Sodium	68	mg/L
GW	GWQ-11	3/30/1993	Bicarbonate	227	mg/L CaCO3
GW	GWQ-11	3/30/1993	Carbonate	0	mg/L CaCO3
GW	GWQ-11	3/30/1993	Potassium	2.9	mg/L
GW	GWQ-7	3/30/1993	Aluminum	<0.1	mg/L
GW	GWQ-7	3/30/1993	Arsenic	<0.005	mg/L
GW	GWQ-7	3/30/1993	Barium	<0.5	mg/L
GW	GWQ-7	3/30/1993	Boron	0.04	mg/L
GW	GWQ-7	3/30/1993	Cadmium	<0.002	mg/L
GW	GWQ-7	3/30/1993	Chloride	21	mg/L
GW	GWQ-7	3/30/1993	Chromium	<0.32	mg/L
GW	GWQ-7	3/30/1993	Cobalt	<0.05	mg/L
GW	GWQ-7	3/30/1993	Copper	<0.31	mg/L
GW	GWQ-7	3/30/1993	Cyanide	<0.01	mg/L
GW	GWQ-7	3/30/1993	Fluoride	0.55	mg/L
GW	GWQ-7	3/30/1993	Iron	<0.35	mg/L
GW	GWQ-7	3/30/1993	Lead	<0.02	mg/L
GW	GWQ-7	3/30/1993	Manganese	<0.02	mg/L
GW	GWQ-7	3/30/1993	Mercury	<0.001	mg/L
GW	GWQ-7	3/30/1993	Molybdenum	<0.02	mg/L
GW	GWQ-7	3/30/1993	Nickel	<0.31	mg/L
GW	GWQ-7	3/30/1993	Nitrate as N (NO3)	138	mg/L
GW	GWQ-7	3/30/1993	Selenium	<0.005	mg/L
GW	GWQ-7	3/30/1993	Silver	<0.01	mg/L
GW	GWQ-7	3/30/1993	Sulfate	138	mg/L
GW	GWQ-7	3/30/1993	TDS	482	mg/L
GW	GWQ-7	3/30/1993	Zinc	0.1	mg/L
GW	GWQ-7	3/30/1993	pH	7.8	pH units
GW	GWQ-7	3/30/1993	Conductivity	752	umhos/cm
GW	GWQ-7	3/30/1993	Calcium	68	mg/L
GW	GWQ-7	3/30/1993	Magnesium	31	mg/L
GW	GWQ-7	3/30/1993	Sodium	52	mg/L
GW	GWQ-7	3/30/1993	Bicarbonate	295	mg/L CaCO3

GROUNDWATER ANALYSIS DATA

GW	GWQ-7	3/30/1993	Carbonate	0	mg/L CaCO3
GW	GWQ-7	3/30/1993	Potassium	1.6	mg/L
GW	NP-1	3/30/1993	Alum num	<0.1	mg/L
GW	NP-1	3/30/1993	Arsenic	<0.005	mg/L
GW	NP-1	3/30/1993	Barium	<0.5	mg/L
GW	NP-1	3/30/1993	Boron	0.05	mg/L
GW	NP-1	3/30/1993	Cadmium	<0.002	mg/L
GW	NP-1	3/30/1993	Chloride	22	mg/L
GW	NP-1	3/30/1993	Chromium	<0.02	mg/L
GW	NP-1	3/30/1993	Cobalt	<0.05	mg/L
GW	NP-1	3/30/1993	Copper	<0.01	mg/L
GW	NP-1	3/30/1993	Cyanide	<0.01	mg/L
GW	NP-1	3/30/1993	Fluoride	0.59	mg/L
GW	NP-1	3/30/1993	Iron	0.17	mg/L
GW	NP-1	3/30/1993	Lead	<0.02	mg/L
GW	NP-1	3/30/1993	Manganese	<0.02	mg/L
GW	NP-1	3/30/1993	Mercury	<0.001	mg/L
GW	NP-1	3/30/1993	Molybdenum	<0.02	mg/L
GW	NP-1	3/30/1993	Nickel	<0.01	mg/L
GW	NP-1	3/30/1993	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	3/30/1993	Selenium	<0.005	mg/L
GW	NP-1	3/30/1993	Silver	<0.01	mg/L
GW	NP-1	3/30/1993	Sulfate	145	mg/L
GW	NP-1	3/30/1993	TDS	496	mg/L
GW	NP-1	3/30/1993	Zinc	1.13	mg/L
GW	NP-1	3/30/1993	pH	7.7	pH units
GW	NP-1	3/30/1993	Conductivity	767	umhos/cm
GW	NP-1	3/30/1993	Calcium	79	mg/L
GW	NP-1	3/30/1993	Magnesium	27	mg/L
GW	NP-1	3/30/1993	Sodium	52	mg/L
GW	NP-1	3/30/1993	Bicarbonate	306	mg/L CaCO3
GW	NP-1	3/30/1993	Carbonate	0	mg/L CaCO3
GW	NP-1	3/30/1993	Potassium	1.8	mg/L
GW	NP-2	3/30/1993	Alum num	0.5	mg/L
GW	NP-2	3/30/1993	Arsenic	<0.005	mg/L
GW	NP-2	3/30/1993	Barium	0.6	mg/L
GW	NP-2	3/30/1993	Boron	0.1	mg/L
GW	NP-2	3/30/1993	Cadmium	<0.002	mg/L
GW	NP-2	3/30/1993	Chloride	239	mg/L
GW	NP-2	3/30/1993	Chromium	<0.02	mg/L
GW	NP-2	3/30/1993	Cobalt	<0.05	mg/L
GW	NP-2	3/30/1993	Copper	0.01	mg/L
GW	NP-2	3/30/1993	Cyanide	<0.01	mg/L
GW	NP-2	3/30/1993	Fluoride	1.33	mg/L
GW	NP-2	3/30/1993	Iron	1.85	mg/L
GW	NP-2	3/30/1993	Lead	<0.02	mg/L
GW	NP-2	3/30/1993	Manganese	0.07	mg/L
GW	NP-2	3/30/1993	Mercury	<0.001	mg/L
GW	NP-2	3/30/1993	Molybdenum	<0.02	mg/L
GW	NP-2	3/30/1993	Nickel	<0.01	mg/L
GW	NP-2	3/30/1993	Nitrate as N (NO3)	3.3	mg/L
GW	NP-2	3/30/1993	Selenium	0.005	mg/L
GW	NP-2	3/30/1993	Silver	<0.01	mg/L
GW	NP-2	3/30/1993	Sulfate	438	mg/L
GW	NP-2	3/30/1993	TDS	1310	mg/L
GW	NP-2	3/30/1993	Zinc	0.67	mg/L
GW	NP-2	3/30/1993	pH	7.7	pH units
GW	NP-2	3/30/1993	Conductivity	1910	umhos/cm
GW	NP-2	3/30/1993	Calcium	163	mg/L
GW	NP-2	3/30/1993	Magnesium	61	mg/L
GW	NP-2	3/30/1993	Sodium	183	mg/L
GW	NP-2	3/30/1993	Bicarbonate	289	mg/L CaCO3
GW	NP-2	3/30/1993	Carbonate	0	mg/L CaCO3
GW	NP-2	3/30/1993	Potassium	0.9	mg/L
GW	NP-3	3/30/1993	Alum num	0.1	mg/L
GW	NP-3	3/30/1993	Arsenic	<0.005	mg/L
GW	NP-3	3/30/1993	Barium	<0.5	mg/L
GW	NP-3	3/30/1993	Boron	0.02	mg/L
GW	NP-3	3/30/1993	Cadmium	<0.002	mg/L
GW	NP-3	3/30/1993	Chloride	205	mg/L
GW	NP-3	3/30/1993	Chromium	<0.02	mg/L
GW	NP-3	3/30/1993	Cobalt	<0.05	mg/L
GW	NP-3	3/30/1993	Copper	0.01	mg/L
GW	NP-3	3/30/1993	Cyanide	<0.01	mg/L
GW	NP-3	3/30/1993	Fluoride	0.54	mg/L
GW	NP-3	3/30/1993	Iron	4.99	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	3/30/1993	Lead	<0.02	mg/L
GW	NP-3	3/30/1993	Manganese	0.32	mg/L
GW	NP-3	3/30/1993	Mercury	<0.001	mg/L
GW	NP-3	3/30/1993	Molybdenum	<0.02	mg/L
GW	NP-3	3/30/1993	Nickel	<0.01	mg/L
GW	NP-3	3/30/1993	Selenium	<0.005	mg/L
GW	NP-3	3/30/1993	Silver	<0.01	mg/L
GW	NP-3	3/30/1993	Sulfate	825	mg/L
GW	NP-3	3/30/1993	TDS	1580	mg/L
GW	NP-3	3/30/1993	Zinc	6.95	mg/L
GW	NP-3	3/30/1993	pH	7.4	pH units
GW	NP-3	3/30/1993	Conductivity	2070	µmhos/cm
GW	NP-3	3/30/1993	Calcium	296	mg/L
GW	NP-3	3/30/1993	Magnesium	35	mg/L
GW	NP-3	3/30/1993	Sodium	129	mg/L
GW	NP-3	3/30/1993	Bicarbonate	29	mg/L CaCO3
GW	NP-3	3/30/1993	Carbonate	0	mg/L CaCO3
GW	NP-3	3/30/1993	Potassium	4.1	mg/L
GW	NP-5	3/30/1993	Aluminum	0.2	mg/L
GW	NP-5	3/30/1993	Arsenic	<0.005	mg/L
GW	NP-5	3/30/1993	Barium	<0.5	mg/L
GW	NP-5	3/30/1993	Boron	0.04	mg/L
GW	NP-5	3/30/1993	Cadmium	<0.002	mg/L
GW	NP-5	3/30/1993	Chloride	39	mg/L
GW	NP-5	3/30/1993	Chromium	<0.02	mg/L
GW	NP-5	3/30/1993	Cobalt	<0.05	mg/L
GW	NP-5	3/30/1993	Copper	<0.01	mg/L
GW	NP-5	3/30/1993	Cyanide	<0.01	mg/L
GW	NP-5	3/30/1993	Fluoride	0.77	mg/L
GW	NP-5	3/30/1993	Iron	0.29	mg/L
GW	NP-5	3/30/1993	Lead	<0.02	mg/L
GW	NP-5	3/30/1993	Manganese	0.02	mg/L
GW	NP-5	3/30/1993	Mercury	<0.001	mg/L
GW	NP-5	3/30/1993	Molybdenum	<0.02	mg/L
GW	NP-5	3/30/1993	Nickel	<0.01	mg/L
GW	NP-5	3/30/1993	Nitrate as N (NO3)	4	mg/L
GW	NP-5	3/30/1993	Selenium	<0.005	mg/L
GW	NP-5	3/30/1993	Silver	<0.01	mg/L
GW	NP-5	3/30/1993	Sulfate	146	mg/L
GW	NP-5	3/30/1993	TDS	488	mg/L
GW	NP-5	3/30/1993	Zinc	0.19	mg/L
GW	NP-5	3/30/1993	pH	7.8	pH units
GW	NP-5	3/30/1993	Conductivity	748	µmhos/cm
GW	NP-5	3/30/1993	Calcium	76	mg/L
GW	NP-5	3/30/1993	Magnesium	26	mg/L
GW	NP-5	3/30/1993	Sodium	43	mg/L
GW	NP-5	3/30/1993	Bicarbonate	221	mg/L CaCO3
GW	NP-5	3/30/1993	Carbonate	0	mg/L CaCO3
GW	NP-5	3/30/1993	Potassium	2.5	mg/L
GW	GWQ-1	3/31/1993	Aluminum	<0.01	mg/L
GW	GWQ-1	3/31/1993	Arsenic	<0.005	mg/L
GW	GWQ-1	3/31/1993	Barium	<0.5	mg/L
GW	GWQ-1	3/31/1993	Boron	0.03	mg/L
GW	GWQ-1	3/31/1993	Cadmium	<0.002	mg/L
GW	GWQ-1	3/31/1993	Chloride	22	mg/L
GW	GWQ-1	3/31/1993	Chromium	<0.02	mg/L
GW	GWQ-1	3/31/1993	Cobalt	<0.05	mg/L
GW	GWQ-1	3/31/1993	Copper	<0.01	mg/L
GW	GWQ-1	3/31/1993	Cyanide	<0.01	mg/L
GW	GWQ-1	3/31/1993	Fluoride	0.54	mg/L
GW	GWQ-1	3/31/1993	Iron	<0.05	mg/L
GW	GWQ-1	3/31/1993	Lead	<0.02	mg/L
GW	GWQ-1	3/31/1993	Manganese	<0.02	mg/L
GW	GWQ-1	3/31/1993	Mercury	<0.001	mg/L
GW	GWQ-1	3/31/1993	Molybdenum	<0.02	mg/L
GW	GWQ-1	3/31/1993	Nickel	<0.01	mg/L
GW	GWQ-1	3/31/1993	Nitrate as N (NO3)	4.9	mg/L
GW	GWQ-1	3/31/1993	Selenium	<0.005	mg/L
GW	GWQ-1	3/31/1993	Silver	<0.01	mg/L
GW	GWQ-1	3/31/1993	Sulfate	160	mg/L
GW	GWQ-1	3/31/1993	TDS	538	mg/L
GW	GWQ-1	3/31/1993	Zinc	<0.01	mg/L
GW	GWQ-1	3/31/1993	pH	7.7	pH units
GW	GWQ-1	3/31/1993	Conductivity	922	µmhos/cm
GW	GWQ-1	3/31/1993	Calcium	82	mg/L
GW	GWQ-1	3/31/1993	Magnesium	21	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-1	3/31/1993	Sodium	67	mg/L
GW	GWQ-1	3/31/1993	Bicarbonate	297	mg/L CaCO ₃
GW	GWQ-1	3/31/1993	Carbonate	0	mg/L CaCO ₃
GW	GWQ-1	3/31/1993	Potassium	2.1	mg/L
GW	GWQ-8	3/31/1993	Alum num	<0.05	mg/L
GW	GWQ-8	3/31/1993	Alum num	<0.1	mg/L
GW	GWQ-8	3/31/1993	Arsenic	<0.005	mg/L
GW	GWQ-8	3/31/1993	Barium	0.042	mg/L
GW	GWQ-8	3/31/1993	Barium	<0.5	mg/L
GW	GWQ-8	3/31/1993	Boron	<0.1	mg/L
GW	GWQ-8	3/31/1993	Boron	0.03	mg/L
GW	GWQ-8	3/31/1993	Cadmium	<0.0005	mg/L
GW	GWQ-8	3/31/1993	Cadmium	<0.002	mg/L
GW	GWQ-8	3/31/1993	Chloride	22	mg/L
GW	GWQ-8	3/31/1993	Chloride	38	mg/L
GW	GWQ-8	3/31/1993	Chromium	<0.01	mg/L
GW	GWQ-8	3/31/1993	Chromium	<0.32	mg/L
GW	GWQ-8	3/31/1993	Cobalt	<0.31	mg/L
GW	GWQ-8	3/31/1993	Cobalt	<0.05	mg/L
GW	GWQ-8	3/31/1993	Copper	<0.31	mg/L
GW	GWQ-8	3/31/1993	Copper	0.01	mg/L
GW	GWQ-8	3/31/1993	Cyanide	<0.01	mg/L
GW	GWQ-8	3/31/1993	Fluoride	0.53	mg/L
GW	GWQ-8	3/31/1993	Fluoride	0.51	mg/L
GW	GWQ-8	3/31/1993	Iron	0.038	mg/L
GW	GWQ-8	3/31/1993	Iron	<0.05	mg/L
GW	GWQ-8	3/31/1993	Lead	<0.002	mg/L
GW	GWQ-8	3/31/1993	Lead	<0.32	mg/L
GW	GWQ-8	3/31/1993	Manganese	<0.01	mg/L
GW	GWQ-8	3/31/1993	Manganese	<0.02	mg/L
GW	GWQ-8	3/31/1993	Mercury	<0.0002	mg/L
GW	GWQ-8	3/31/1993	Mercury	<0.001	mg/L
GW	GWQ-8	3/31/1993	Molybdenum	<0.32	mg/L
GW	GWQ-8	3/31/1993	Nickel	<0.32	mg/L
GW	GWQ-8	3/31/1993	Nickel	<0.31	mg/L
GW	GWQ-8	3/31/1993	Nitrate as N (NO ₃)	5.7	mg/L
GW	GWQ-8	3/31/1993	Nitrate as N (NO ₃)	6.3	mg/L
GW	GWQ-8	3/31/1993	Selenium	<0.005	mg/L
GW	GWQ-8	3/31/1993	Silver	<0.31	mg/L
GW	GWQ-8	3/31/1993	Sulfate	280	mg/L
GW	GWQ-8	3/31/1993	Sulfate	283	mg/L
GW	GWQ-8	3/31/1993	TDS	290	mg/L
GW	GWQ-8	3/31/1993	TDS	784	mg/L
GW	GWQ-8	3/31/1993	Zinc	0.075	mg/L
GW	GWQ-8	3/31/1993	Zinc	0.09	mg/L
GW	GWQ-8	3/31/1993	pH	7.7	pH units
GW	GWQ-8	3/31/1993	pH	7.6	pH units
GW	GWQ-8	3/31/1993	Calcium	149	mg/L
GW	GWQ-8	3/31/1993	Magnesium	21	mg/L
GW	GWQ-8	3/31/1993	Sodium	94	mg/L
GW	GWQ-8	3/31/1993	Bicarbonate	282	mg/L CaCO ₃
GW	GWQ-8	3/31/1993	Carbonate	<1	mg/L CaCO ₃
GW	GWQ-8	3/31/1993	Potassium	3.5	mg/L
GW	GWQ-8	3/31/1993	Conductivity	1110	umhos/cm
GW	GWQ-8	3/31/1993	Calcium	132	mg/L
GW	GWQ-8	3/31/1993	Magnesium	18	mg/L
GW	GWQ-8	3/31/1993	Bicarbonate	286	mg/L CaCO ₃
GW	GWQ-8	3/31/1993	Carbonate	0	mg/L CaCO ₃
GW	GWQ-8	3/31/1993	Potassium	1.8	mg/L
GW	McCravey-Greyback	3/31/1993	Alum num	<0.1	mg/L
GW	McCravey-Greyback	3/31/1993	Arsenic	<0.005	mg/L
GW	McCravey-Greyback	3/31/1993	Barium	<0.5	mg/L
GW	McCravey-Greyback	3/31/1993	Boron	<0.34	mg/L
GW	McCravey-Greyback	3/31/1993	Cadmium	<0.002	mg/L
GW	McCravey-Greyback	3/31/1993	Chloride	30	mg/L
GW	McCravey-Greyback	3/31/1993	Chromium	<0.02	mg/L
GW	McCravey-Greyback	3/31/1993	Cobalt	<0.35	mg/L
GW	McCravey-Greyback	3/31/1993	Copper	<0.01	mg/L
GW	McCravey-Greyback	3/31/1993	Cyanide	<0.01	mg/L
GW	McCravey-Greyback	3/31/1993	Fluoride	0.51	mg/L
GW	McCravey-Greyback	3/31/1993	Iron	0.05	mg/L
GW	McCravey-Greyback	3/31/1993	Lead	<0.02	mg/L
GW	McCravey-Greyback	3/31/1993	Manganese	<0.32	mg/L
GW	McCravey-Greyback	3/31/1993	Mercury	<0.001	mg/L
GW	McCravey-Greyback	3/31/1993	Molybdenum	<0.32	mg/L
GW	McCravey-Greyback	3/31/1993	Nickel	<0.01	mg/L

GROUNDWATER ANALYSIS DATA

GW	McCravey-Greyback	3/31/1993	Nitrate as N (NO3)	3	mg/L
GW	McCravey-Greyback	3/31/1993	Selenium	<0.305	mg/L
GW	McCravey-Greyback	3/31/1993	Silver	<0.31	mg/L
GW	McCravey-Greyback	3/31/1993	Sulfate	207	mg/L
GW	McCravey-Greyback	3/31/1993	TDS	632	mg/L
GW	McCravey-Greyback	3/31/1993	Zinc	0.01	mg/L
GW	McCravey-Greyback	3/31/1993	pH	7.8	pH units
GW	McCravey-Greyback	3/31/1993	Conductivity	927	umhos/cm
GW	McCravey-Greyback	3/31/1993	Calcium	97	mg/L
GW	McCravey-Greyback	3/31/1993	Magnesium	24	mg/L
GW	McCravey-Greyback	3/31/1993	Sodium	78	mg/L
GW	McCravey-Greyback	3/31/1993	Bicarbonate	302	mg/L CaCO3
GW	McCravey-Greyback	3/31/1993	Carbonate	0	mg/L CaCO3
GW	McCravey-Greyback	3/31/1993	Potassium	2	mg/L
GW	NP-4	3/31/1993	Aluminum	0.3	mg/L
GW	NP-4	3/31/1993	Arsenic	<0.005	mg/L
GW	NP-4	3/31/1993	Barium	<0.5	mg/L
GW	NP-4	3/31/1993	Boron	0.04	mg/L
GW	NP-4	3/31/1993	Cadmium	<0.002	mg/L
GW	NP-4	3/31/1993	Chloride	45	mg/L
GW	NP-4	3/31/1993	Chromium	<0.32	mg/L
GW	NP-4	3/31/1993	Cobalt	<0.05	mg/L
GW	NP-4	3/31/1993	Copper	0.01	mg/L
GW	NP-4	3/31/1993	Cyanide	<0.01	mg/L
GW	NP-4	3/31/1993	Fluoride	0.53	mg/L
GW	NP-4	3/31/1993	Iron	0.62	mg/L
GW	NP-4	3/31/1993	Lead	<0.02	mg/L
GW	NP-4	3/31/1993	Manganese	0.84	mg/L
GW	NP-4	3/31/1993	Mercury	0.009	mg/L
GW	NP-4	3/31/1993	Molybdenum	<0.02	mg/L
GW	NP-4	3/31/1993	Nickel	<0.31	mg/L
GW	NP-4	3/31/1993	Nitrate as N (NO3)	3.7	mg/L
GW	NP-4	3/31/1993	Selenium	<0.305	mg/L
GW	NP-4	3/31/1993	Silver	<0.31	mg/L
GW	NP-4	3/31/1993	Sulfate	134	mg/L
GW	NP-4	3/31/1993	TDS	504	mg/L
GW	NP-4	3/31/1993	Zinc	2.41	mg/L
GW	NP-4	3/31/1993	pH	7.6	pH units
GW	NP-4	3/31/1993	Conductivity	813	umhos/cm
GW	NP-4	3/31/1993	Calcium	78	mg/L
GW	NP-4	3/31/1993	Magnesium	17	mg/L
GW	NP-4	3/31/1993	Sodium	79	mg/L
GW	NP-4	3/31/1993	Bicarbonate	275	mg/L CaCO3
GW	NP-4	3/31/1993	Carbonate	0	mg/L CaCO3
GW	NP-4	3/31/1993	Potassium	2.2	mg/L
GW	GWQ-4	4/1/1993	Aluminum	<0.1	mg/L
GW	GWQ-4	4/1/1993	Arsenic	<0.005	mg/L
GW	GWQ-4	4/1/1993	Barium	1	mg/L
GW	GWQ-4	4/1/1993	Boron	0.02	mg/L
GW	GWQ-4	4/1/1993	Cadmium	<0.002	mg/L
GW	GWQ-4	4/1/1993	Chloride	27	mg/L
GW	GWQ-4	4/1/1993	Chromium	<0.32	mg/L
GW	GWQ-4	4/1/1993	Cobalt	<0.05	mg/L
GW	GWQ-4	4/1/1993	Copper	<0.31	mg/L
GW	GWQ-4	4/1/1993	Cyanide	<0.31	mg/L
GW	GWQ-4	4/1/1993	Fluoride	0.73	mg/L
GW	GWQ-4	4/1/1993	Iron	0.2	mg/L
GW	GWQ-4	4/1/1993	Lead	<0.02	mg/L
GW	GWQ-4	4/1/1993	Manganese	<0.32	mg/L
GW	GWQ-4	4/1/1993	Mercury	<0.001	mg/L
GW	GWQ-4	4/1/1993	Molybdenum	<0.02	mg/L
GW	GWQ-4	4/1/1993	Nickel	<0.31	mg/L
GW	GWQ-4	4/1/1993	Nitrate as N (NO3)	0.1	mg/L
GW	GWQ-4	4/1/1993	Selenium	<0.305	mg/L
GW	GWQ-4	4/1/1993	Silver	<0.31	mg/L
GW	GWQ-4	4/1/1993	Sulfate	235	mg/L
GW	GWQ-4	4/1/1993	TDS	702	mg/L
GW	GWQ-4	4/1/1993	Zinc	0.35	mg/L
GW	GWQ-4	4/1/1993	pH	7.6	pH units
GW	GWQ-4	4/1/1993	Conductivity	1060	umhos/cm
GW	GWQ-4	4/1/1993	Calcium	125	mg/L
GW	GWQ-4	4/1/1993	Magnesium	23	mg/L
GW	GWQ-4	4/1/1993	Sodium	86	mg/L
GW	GWQ-4	4/1/1993	Bicarbonate	404	mg/L CaCO3
GW	GWQ-4	4/1/1993	Carbonate	0	mg/L CaCO3
GW	GWQ-4	4/1/1993	Potassium	1	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-6	4/1/1993	Aluminum	<0.1	mg/L
GW	GWQ-6	4/1/1993	Arsenic	<0.005	mg/L
GW	GWQ-6	4/1/1993	Barium	0.6	mg/L
GW	GWQ-6	4/1/1993	Boron	0.09	mg/L
GW	GWQ-6	4/1/1993	Cadmium	<0.002	mg/L
GW	GWQ-6	4/1/1993	Chloride	22	mg/L
GW	GWQ-6	4/1/1993	Chromium	<0.02	mg/L
GW	GWQ-6	4/1/1993	Cobalt	<0.05	mg/L
GW	GWQ-6	4/1/1993	Copper	0.03	mg/L
GW	GWQ-6	4/1/1993	Cyanide	<0.01	mg/L
GW	GWQ-6	4/1/1993	Fluoride	0.84	mg/L
GW	GWQ-6	4/1/1993	Iron	5.05	mg/L
GW	GWQ-6	4/1/1993	Lead	<0.02	mg/L
GW	GWQ-6	4/1/1993	Manganese	0.36	mg/L
GW	GWQ-6	4/1/1993	Mercury	<0.001	mg/L
GW	GWQ-6	4/1/1993	Molybdenum	<0.02	mg/L
GW	GWQ-6	4/1/1993	Nickel	<0.01	mg/L
GW	GWQ-6	4/1/1993	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ-6	4/1/1993	Selenium	<0.005	mg/L
GW	GWQ-6	4/1/1993	Silver	<0.01	mg/L
GW	GWQ-6	4/1/1993	Sulfate	10	mg/L
GW	GWQ-6	4/1/1993	TDS	304	mg/L
GW	GWQ-6	4/1/1993	Zinc	0.05	mg/L
GW	GWQ-6	4/1/1993	pH	7.7	pH units
GW	GWQ-6	4/1/1993	Conductivity	587	umhos/cm
GW	GWQ-6	4/1/1993	Calcium	49	mg/L
GW	GWQ-6	4/1/1993	Magnesium	14	mg/L
GW	GWQ-6	4/1/1993	Sodium	53	mg/L
GW	GWQ-6	4/1/1993	Bicarbonate	322	mg/L CaCO3
GW	GWQ-6	4/1/1993	Carbonate	0	mg/L CaCO3
GW	GWQ-6	4/1/1993	Potassium	3.1	mg/L
GW	GWQ-10	9/26/1993	Chloride	96	mg/L
GW	GWQ-10	9/26/1993	Sulfate	142.6	mg/L
GW	GWQ-10	9/26/1993	TDS	693	mg/L
GW	GWQ-10	9/26/1993	pH	7.7	pH units
GW	GWQ-11	9/26/1993	Chloride	105.6	mg/L
GW	GWQ-11	9/26/1993	Sulfate	207.7	mg/L
GW	GWQ-11	9/26/1993	TDS	800	mg/L
GW	GWQ-11	9/26/1993	pH	7.57	pH units
GW	IW-1	9/26/1993	Chloride	521.1	mg/L
GW	IW-1	9/26/1993	Sulfate	1150	mg/L
GW	IW-1	9/26/1993	TDS	3661	mg/L
GW	IW-1	9/26/1993	pH	7.12	pH units
GW	NP-1	9/26/1993	Chloride	36.2	mg/L
GW	NP-1	9/26/1993	Sulfate	110.1	mg/L
GW	NP-1	9/26/1993	TDS	506	mg/L
GW	NP-1	9/26/1993	pH	7.46	pH units
GW	NP-2	9/26/1993	Chloride	207	mg/L
GW	NP-2	9/26/1993	Sulfate	299.9	mg/L
GW	NP-2	9/26/1993	TDS	1170	mg/L
GW	NP-2	9/26/1993	pH	7.92	pH units
GW	NP-3	9/26/1993	Chloride	210.3	mg/L
GW	NP-3	9/26/1993	Copper	<0.001	mg/L
GW	NP-3	9/26/1993	Iron	<0.05	mg/L
GW	NP-3	9/26/1993	Manganese	0.24	mg/L
GW	NP-3	9/26/1993	Sulfate	619.4	mg/L
GW	NP-3	9/26/1993	TDS	1544	mg/L
GW	NP-3	9/26/1993	Zinc	1.04	mg/L
GW	NP-3	9/26/1993	pH	7.88	pH units
GW	NP-4	9/26/1993	Chloride	56.9	mg/L
GW	NP-4	9/26/1993	Sulfate	106.5	mg/L
GW	NP-4	9/26/1993	TDS	437	mg/L
GW	NP-4	9/26/1993	pl	8.2	pH units
GW	NP-5	9/26/1993	Chloride	48.1	mg/L
GW	NP-5	9/26/1993	Sulfate	109.2	mg/L
GW	NP-5	9/26/1993	TDS	516	mg/L
GW	NP-5	9/26/1993	pH	7.79	pH units
GW	IW-1	3/17/1994	Chloride	404.5	mg/L
GW	IW-1	3/17/1994	Sulfate	1589	mg/L
GW	IW-1	3/17/1994	TDS	3684	mg/L
GW	IW-1	3/17/1994	pH	7	pH units
GW	NP-1	3/17/1994	Chloride	24	mg/L
GW	NP-1	3/17/1994	Sulfate	134.2	mg/L
GW	NP-1	3/17/1994	TDS	518	mg/L
GW	NP-1	3/17/1994	pH	7.3	pH units
GW	NP-2	3/17/1994	Chloride	115.2	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	3/17/1994	Sulfate	300.5	mg/L
GW	NP-2	3/17/1994	TDS	971	mg/L
GW	NP-2	3/17/1994	pH	7.65	pH units
GW	NP-3	3/17/1994	Chloride	189.5	mg/L
GW	NP-3	3/17/1994	Copper	0.012	mg/L
GW	NP-3	3/17/1994	Iron	0.24	mg/L
GW	NP-3	3/17/1994	Manganese	0.33	mg/L
GW	NP-3	3/17/1994	Sulfate	746.9	mg/L
GW	NP-3	3/17/1994	TDS	1809	mg/L
GW	NP-3	3/17/1994	Zinc	2.56	mg/L
GW	NP-3	3/17/1994	pH	7.46	pH units
GW	IW-1	5/24/1994	Aluminum	0.94	mg/L
GW	IW-1	5/24/1994	Arsenic	<0.005	mg/L
GW	IW-1	5/24/1994	Barium	<0.1	mg/L
GW	IW-1	5/24/1994	Cadmium	<0.0005	mg/L
GW	IW-1	5/24/1994	Chloride	470	mg/L
GW	IW-1	5/24/1994	Chromium	<0.025	mg/L
GW	IW-1	5/24/1994	Copper	<0.025	mg/L
GW	IW-1	5/24/1994	Fluoride	0.7	mg/L
GW	IW-1	5/24/1994	Iron	1	mg/L
GW	IW-1	5/24/1994	Lead	<0.005	mg/L
GW	IW-1	5/24/1994	Manganese	<0.03	mg/L
GW	IW-1	5/24/1994	Mercury	<0.001	mg/L
GW	IW-1	5/24/1994	Nickel	<0.05	mg/L
GW	IW-1	5/24/1994	Nitrate as N (NO3)	5.8	mg/L
GW	IW-1	5/24/1994	Selenium	<0.005	mg/L
GW	IW-1	5/24/1994	Silver	<0.025	mg/L
GW	IW-1	5/24/1994	Sulfate	1500	mg/L
GW	IW-1	5/24/1994	TDS	3500	mg/L
GW	IW-1	5/24/1994	Zinc	0.053	mg/L
GW	IW-1	5/24/1994	pH	7.84	pH units
GW	IW-1	5/24/1994	Conductivity	3920	umhos/cm
GW	IW-1	5/24/1994	Antimony	<0.005	mg/L
GW	IW-1	5/24/1994	Calcium	550	mg/L
GW	IW-1	5/24/1994	Magnesium	170	mg/L
GW	IW-1	5/24/1994	Sodium	250	mg/L
GW	IW-1	5/24/1994	Bicarbonate	246	mg/L CaCO3
GW	IW-1	5/24/1994	Carbonate	0	mg/L CaCO3
GW	IW-1	5/24/1994	Potassium	2.9	mg/L
GW	NP-1	5/24/1994	Aluminum	0.83	mg/L
GW	NP-1	5/24/1994	Arsenic	0.005	mg/L
GW	NP-1	5/24/1994	Barium	<0.1	mg/L
GW	NP-1	5/24/1994	Cadmium	0.0096	mg/L
GW	NP-1	5/24/1994	Chloride	22	mg/L
GW	NP-1	5/24/1994	Chromium	<0.025	mg/L
GW	NP-1	5/24/1994	Copper	<0.025	mg/L
GW	NP-1	5/24/1994	Fluoride	0.56	mg/L
GW	NP-1	5/24/1994	Iron	9.5	mg/L
GW	NP-1	5/24/1994	Lead	0.016	mg/L
GW	NP-1	5/24/1994	Manganese	0.1	mg/L
GW	NP-1	5/24/1994	Mercury	<0.001	mg/L
GW	NP-1	5/24/1994	Nickel	<0.05	mg/L
GW	NP-1	5/24/1994	Nitrate as N (NO3)	1.1	mg/L
GW	NP-1	5/24/1994	Selenium	<0.005	mg/L
GW	NP-1	5/24/1994	Silver	<0.025	mg/L
GW	NP-1	5/24/1994	Sulfate	130	mg/L
GW	NP-1	5/24/1994	TDS	510	mg/L
GW	NP-1	5/24/1994	Zinc	5.7	mg/L
GW	NP-1	5/24/1994	pH	7.53	pH units
GW	NP-1	5/24/1994	Conductivity	680	umhos/cm
GW	NP-1	5/24/1994	Antimony	<0.005	mg/L
GW	NP-1	5/24/1994	Calcium	79	mg/L
GW	NP-1	5/24/1994	Magnesium	23	mg/L
GW	NP-1	5/24/1994	Sodium	48	mg/L
GW	NP-1	5/24/1994	Bicarbonate	263	mg/L CaCO3
GW	NP-1	5/24/1994	Carbonate	0	mg/L CaCO3
GW	NP-1	5/24/1994	Potassium	2.5	mg/L
GW	NP-2	5/24/1994	Aluminum	4.6	mg/L
GW	NP-2	5/24/1994	Arsenic	<0.005	mg/L
GW	NP-2	5/24/1994	Barium	<0.1	mg/L
GW	NP-2	5/24/1994	Cadmium	0.00097	mg/L
GW	NP-2	5/24/1994	Chloride	130	mg/L
GW	NP-2	5/24/1994	Chromium	<0.025	mg/L
GW	NP-2	5/24/1994	Copper	<0.025	mg/L
GW	NP-2	5/24/1994	Fluoride	0.97	mg/L
GW	NP-2	5/24/1994	Iron	4.5	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-2	5/24/1994	Lead	0.0019	mg/L
GW	NP-2	5/24/1994	Manganese	0.19	mg/L
GW	NP-2	5/24/1994	Mercury	<0.001	mg/L
GW	NP-2	5/24/1994	Nickel	<0.05	mg/L
GW	NP-2	5/24/1994	Nitrate as N (NO3)	<0.1	mg/L
GW	NP-2	5/24/1994	Selenium	<0.005	mg/L
GW	NP-2	5/24/1994	Silver	<0.025	mg/L
GW	NP-2	5/24/1994	Sulfate	300	mg/L
GW	NP-2	5/24/1994	TDS	876	mg/L
GW	NP-2	5/24/1994	Zinc	4.1	mg/L
GW	NP-2	5/24/1994	pH	8.03	pH units
GW	NP-2	5/24/1994	Conductivity	1250	umhos/cm
GW	NP-2	5/24/1994	Antimony	<0.005	mg/L
GW	NP-2	5/24/1994	Calcium	120	mg/L
GW	NP-2	5/24/1994	Magnesium	47	mg/L
GW	NP-2	5/24/1994	Sodium	100	mg/L
GW	NP-2	5/24/1994	Bicarbonate	261	mg/L CaCO3
GW	NP-2	5/24/1994	Carbonate	0	mg/L CaCO3
GW	NP-2	5/24/1994	Potassium	2.3	mg/L
GW	NP-5	5/24/1994	Aluminum	1.1	mg/L
GW	NP-5	5/24/1994	Arsenic	<0.005	mg/L
GW	NP-5	5/24/1994	Barium	<0.1	mg/L
GW	NP-5	5/24/1994	Cadmium	<0.0005	mg/L
GW	NP-5	5/24/1994	Chloride	41	mg/L
GW	NP-5	5/24/1994	Chromium	<0.025	mg/L
GW	NP-5	5/24/1994	Copper	<0.025	mg/L
GW	NP-5	5/24/1994	Fluoride	0.74	mg/L
GW	NP-5	5/24/1994	Iron	1.2	mg/L
GW	NP-5	5/24/1994	Lead	0.0077	mg/L
GW	NP-5	5/24/1994	Manganese	0.086	mg/L
GW	NP-5	5/24/1994	Mercury	<0.001	mg/L
GW	NP-5	5/24/1994	Nickel	<0.05	mg/L
GW	NP-5	5/24/1994	Nitrate as N (NO3)	3.4	mg/L
GW	NP-5	5/24/1994	Selenium	<0.005	mg/L
GW	NP-5	5/24/1994	Silver	<0.025	mg/L
GW	NP-5	5/24/1994	Sulfate	130	mg/L
GW	NP-5	5/24/1994	TDS	520	mg/L
GW	NP-5	5/24/1994	Zinc	2.3	mg/L
GW	NP-5	5/24/1994	pH	7.84	pH units
GW	NP-5	5/24/1994	Conductivity	680	umhos/cm
GW	NP-5	5/24/1994	Antimony	<0.005	mg/L
GW	NP-5	5/24/1994	Calcium	86	mg/L
GW	NP-5	5/24/1994	Magnesium	28	mg/L
GW	NP-5	5/24/1994	Sodium	40	mg/L
GW	NP-5	5/24/1994	Bicarbonate	211	mg/L CaCO3
GW	NP-5	5/24/1994	Carbonate	0	mg/L CaCO3
GW	NP-5	5/24/1994	Potassium	3.4	mg/L
GW	GWQ-1	5/25/1994	Aluminum	0.025	mg/L
GW	GWQ-1	5/25/1994	Arsenic	<0.005	mg/L
GW	GWQ-1	5/25/1994	Barium	<0.1	mg/L
GW	GWQ-1	5/25/1994	Cadmium	<0.0005	mg/L
GW	GWQ-1	5/25/1994	Chloride	22	mg/L
GW	GWQ-1	5/25/1994	Chromium	<0.025	mg/L
GW	GWQ-1	5/25/1994	Copper	<0.025	mg/L
GW	GWQ-1	5/25/1994	Fluoride	0.52	mg/L
GW	GWQ-1	5/25/1994	Iron	<0.05	mg/L
GW	GWQ-1	5/25/1994	Lead	<0.005	mg/L
GW	GWQ-1	5/25/1994	Manganese	<0.03	mg/L
GW	GWQ-1	5/25/1994	Mercury	<0.001	mg/L
GW	GWQ-1	5/25/1994	Nickel	<0.05	mg/L
GW	GWQ-1	5/25/1994	Nitrate as N (NO3)	4.3	mg/L
GW	GWQ-1	5/25/1994	Selenium	<0.005	mg/L
GW	GWQ-1	5/25/1994	Silver	<0.025	mg/L
GW	GWQ-1	5/25/1994	Sulfate	150	mg/L
GW	GWQ-1	5/25/1994	TDS	614	mg/L
GW	GWQ-1	5/25/1994	Zinc	<0.05	mg/L
GW	GWQ-1	5/25/1994	pH	7.9	pH units
GW	GWQ-1	5/25/1994	Conductivity	760	umhos/cm
GW	GWQ-1	5/25/1994	Antimony	<0.005	mg/L
GW	GWQ-1	5/25/1994	Calcium	80	mg/L
GW	GWQ-1	5/25/1994	Magnesium	18	mg/L
GW	GWQ-1	5/25/1994	Sodium	55	mg/L
GW	GWQ-1	5/25/1994	Bicarbonate	270	mg/L CaCO3
GW	GWQ-1	5/25/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-1	5/25/1994	Potassium	2.7	mg/L
GW	GWQ-11	5/25/1994	Aluminum	0.14	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	5/25/1994	Arsenic	<0.005	mg/L
GW	GWQ-11	5/25/1994	Barium	<0.1	mg/L
GW	GWQ-11	5/25/1994	Cadmium	<0.0005	mg/L
GW	GWQ-11	5/25/1994	Chloride	110	mg/L
GW	GWQ-11	5/25/1994	Chromium	<0.025	mg/L
GW	GWQ-11	5/25/1994	Copper	<0.025	mg/L
GW	GWQ-11	5/25/1994	Fluoride	0.72	mg/L
GW	GWQ-11	5/25/1994	Iron	0.16	mg/L
GW	GWQ-11	5/25/1994	Lead	<0.005	mg/L
GW	GWQ-11	5/25/1994	Manganese	<0.33	mg/L
GW	GWQ-11	5/25/1994	Mercury	<0.001	mg/L
GW	GWQ-11	5/25/1994	Nickel	<0.35	mg/L
GW	GWQ-11	5/25/1994	Nitrate as N (NO3)	3.8	mg/L
GW	GWQ-11	5/25/1994	Selenium	<0.305	mg/L
GW	GWQ-11	5/25/1994	Silver	<0.325	mg/L
GW	GWQ-11	5/25/1994	Sulfate	260	mg/L
GW	GWQ-11	5/25/1994	TDS	820	mg/L
GW	GWQ-11	5/25/1994	Zinc	<0.35	mg/L
GW	GWQ-11	5/25/1994	pH	7.88	pH units
GW	GWQ-11	5/25/1994	Conductivity	1130	µmhos/cm
GW	GWQ-11	5/25/1994	Antimony	<0.305	mg/L
GW	GWQ-11	5/25/1994	Calcium	120	mg/L
GW	GWQ-11	5/25/1994	Magnesium	34	mg/L
GW	GWQ-11	5/25/1994	Sodium	55	mg/L
GW	GWQ-11	5/25/1994	Bicarbonate	199	mg/L CaCO3
GW	GWQ-11	5/25/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-11	5/25/1994	Potassium	3.5	mg/L
GW	GWQ-7	5/25/1994	Aluminum	0.25	mg/L
GW	GWQ-7	5/25/1994	Arsenic	<0.005	mg/L
GW	GWQ-7	5/25/1994	Barium	<0.1	mg/L
GW	GWQ-7	5/25/1994	Cadmium	0.00058	mg/L
GW	GWQ-7	5/25/1994	Chloride	20	mg/L
GW	GWQ-7	5/25/1994	Chromium	<0.325	mg/L
GW	GWQ-7	5/25/1994	Copper	0.11	mg/L
GW	GWQ-7	5/25/1994	Fluoride	2.1	mg/L
GW	GWQ-7	5/25/1994	Iron	0.72	mg/L
GW	GWQ-7	5/25/1994	Lead	<0.005	mg/L
GW	GWQ-7	5/25/1994	Manganese	1.1	mg/L
GW	GWQ-7	5/25/1994	Mercury	<0.001	mg/L
GW	GWQ-7	5/25/1994	Nickel	<0.35	mg/L
GW	GWQ-7	5/25/1994	Nitrate as N (NO3)	<1	mg/L
GW	GWQ-7	5/25/1994	Selenium	<0.305	mg/L
GW	GWQ-7	5/25/1994	Silver	<0.325	mg/L
GW	GWQ-7	5/25/1994	Sulfate	1300	mg/L
GW	GWQ-7	5/25/1994	TDS	2420	mg/L
GW	GWQ-7	5/25/1994	Zinc	<0.35	mg/L
GW	GWQ-7	5/25/1994	pH	7.26	pH units
GW	GWQ-7	5/25/1994	Conductivity	2630	µmhos/cm
GW	GWQ-7	5/25/1994	Antimony	<0.305	mg/L
GW	GWQ-7	5/25/1994	Calcium	490	mg/L
GW	GWQ-7	5/25/1994	Magnesium	51	mg/L
GW	GWQ-7	5/25/1994	Sodium	80	mg/L
GW	GWQ-7	5/25/1994	Bicarbonate	480	mg/L CaCO3
GW	GWQ-7	5/25/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-7	5/25/1994	Potassium	14	mg/L
GW	GWQ-8	5/25/1994	Aluminum	<0.325	mg/L
GW	GWQ-8	5/25/1994	Arsenic	<0.305	mg/L
GW	GWQ-8	5/25/1994	Barium	<0.1	mg/L
GW	GWQ-8	5/25/1994	Boron	<0.1	mg/L
GW	GWQ-8	5/25/1994	Cadmium	<0.0005	mg/L
GW	GWQ-8	5/25/1994	Chloride	41	mg/L
GW	GWQ-8	5/25/1994	Chromium	<0.325	mg/L
GW	GWQ-8	5/25/1994	Cobalt	<0.35	mg/L
GW	GWQ-8	5/25/1994	Copper	<0.325	mg/L
GW	GWQ-8	5/25/1994	Fluoride	0.5	mg/L
GW	GWQ-8	5/25/1994	Iron	0.24	mg/L
GW	GWQ-8	5/25/1994	Lead	<0.005	mg/L
GW	GWQ-8	5/25/1994	Manganese	<0.33	mg/L
GW	GWQ-8	5/25/1994	Mercury	<0.001	mg/L
GW	GWQ-8	5/25/1994	Molybdenum	<0.35	mg/L
GW	GWQ-8	5/25/1994	Nickel	<0.35	mg/L
GW	GWQ-8	5/25/1994	Nitrate as N (NO3)	5.3	mg/L
GW	GWQ-8	5/25/1994	Selenium	<0.305	mg/L
GW	GWQ-8	5/25/1994	Silver	<0.325	mg/L
GW	GWQ-8	5/25/1994	Sulfate	290	mg/L
GW	GWQ-8	5/25/1994	TDS	792	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-8	5/25/1994	Zinc	<0.05	mg/L
GW	GWQ-8	5/25/1994	pH	7.97	pH units
GW	GWQ-8	5/25/1994	Conductivity	1060	umhos/cm
GW	GWQ-8	5/25/1994	Antimony	<0.005	mg/L
GW	GWQ-8	5/25/1994	Calcium	120	mg/L
GW	GWQ-8	5/25/1994	Magnesium	20	mg/L
GW	GWQ-8	5/25/1994	Sodium	76	mg/L
GW	GWQ-8	5/25/1994	Bicarbonate	272	mg/L CaCO3
GW	GWQ-8	5/25/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-8	5/25/1994	Potassium	2.4	mg/L
GW	IW-2	5/25/1994	Aluminum	22	mg/L
GW	IW-2	5/25/1994	Arsenic	<0.005	mg/L
GW	IW-2	5/25/1994	Barium	0.12	mg/L
GW	IW-2	5/25/1994	Cadmium	<0.0005	mg/L
GW	IW-2	5/25/1994	Chloride	340	mg/L
GW	IW-2	5/25/1994	Chromium	0.046	mg/L
GW	IW-2	5/25/1994	Copper	<0.025	mg/L
GW	IW-2	5/25/1994	Fluoride	0.66	mg/L
GW	IW-2	5/25/1994	Iron	18	mg/L
GW	IW-2	5/25/1994	Lead	0.0073	mg/L
GW	IW-2	5/25/1994	Manganese	0.77	mg/L
GW	IW-2	5/25/1994	Mercury	<0.001	mg/L
GW	IW-2	5/25/1994	Nickel	0.097	mg/L
GW	IW-2	5/25/1994	Nitrate as N (NO3)	1.5	mg/L
GW	IW-2	5/25/1994	Selenium	<0.005	mg/L
GW	IW-2	5/25/1994	Silver	<0.025	mg/L
GW	IW-2	5/25/1994	Sulfate	1000	mg/L
GW	IW-2	5/25/1994	TDS	2400	mg/L
GW	IW-2	5/25/1994	Zinc	0.064	mg/L
GW	IW-2	5/25/1994	pH	7.75	pH units
GW	IW-2	5/25/1994	Conductivity	2890	umhos/cm
GW	IW-2	5/25/1994	Antimony	<0.005	mg/L
GW	IW-2	5/25/1994	Calcium	430	mg/L
GW	IW-2	5/25/1994	Magnesium	94	mg/L
GW	IW-2	5/25/1994	Sodium	290	mg/L
GW	IW-2	5/25/1994	Bicarbonate	534	mg/L CaCO3
GW	IW-2	5/25/1994	Carbonate	0	mg/L CaCO3
GW	IW-2	5/25/1994	Potassium	3.2	mg/L
GW	GWQ-1C	5/26/1994	Aluminum	0.85	mg/L
GW	GWQ-10	5/26/1994	Arsenic	<0.005	mg/L
GW	GWQ-1C	5/26/1994	Barium	<0.1	mg/L
GW	GWQ-1C	5/26/1994	Cadmium	<0.0005	mg/L
GW	GWQ-1C	5/26/1994	Chloride	92	mg/L
GW	GWQ-1C	5/26/1994	Chromium	<0.025	mg/L
GW	GWQ-10	5/26/1994	Copper	0.026	mg/L
GW	GWQ-1C	5/26/1994	Fluoride	0.51	mg/L
GW	GWQ-10	5/26/1994	Iron	1.1	mg/L
GW	GWQ-10	5/26/1994	Lead	<0.005	mg/L
GW	GWQ-1C	5/26/1994	Manganese	0.059	mg/L
GW	GWQ-10	5/26/1994	Mercury	<0.001	mg/L
GW	GWQ-10	5/26/1994	Nickel	<0.05	mg/L
GW	GWQ-1C	5/26/1994	Nitrate as N (NO3)	3.5	mg/L
GW	GWQ-10	5/26/1994	Selenium	<0.005	mg/L
GW	GWQ-1C	5/26/1994	Silver	<0.025	mg/L
GW	GWQ-1C	5/26/1994	Sulfate	175	mg/L
GW	GWQ-1C	5/26/1994	TDS	1000	mg/L
GW	GWQ-1C	5/26/1994	Zinc	0.55	mg/L
GW	GWQ-10	5/26/1994	pH	7.82	pH units
GW	GWQ-1C	5/26/1994	Conductivity	1050	umhos/cm
GW	GWQ-1C	5/26/1994	Antimony	<0.005	mg/L
GW	GWQ-10	5/26/1994	Calcium	100	mg/L
GW	GWQ-1C	5/26/1994	Magnesium	25	mg/L
GW	GWQ-1C	5/26/1994	Sodium	56	mg/L
GW	GWQ-1C	5/26/1994	Bicarbonate	232	mg/L CaCO3
GW	GWQ-1C	5/26/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-10	5/26/1994	Potassium	3.1	mg/L
GW	GWQ-4	5/26/1994	Aluminum	<0.025	mg/L
GW	GWQ-4	5/26/1994	Arsenic	<0.005	mg/L
GW	GWQ-4	5/26/1994	Barium	<0.1	mg/L
GW	GWQ-4	5/26/1994	Boron	<0.1	mg/L
GW	GWQ-4	5/26/1994	Cadmium	<0.0005	mg/L
GW	GWQ-4	5/26/1994	Chloride	30	mg/L
GW	GWQ-4	5/26/1994	Chromium	<0.025	mg/L
GW	GWQ-4	5/26/1994	Cobalt	<0.05	mg/L
GW	GWQ-4	5/26/1994	Copper	<0.025	mg/L
GW	GWQ-4	5/26/1994	Fluoride	0.63	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-4	5/26/1994	Iron	0.13	mg/L
GW	GWQ-4	5/26/1994	Lead	<0.005	mg/L
GW	GWQ-4	5/26/1994	Manganese	<0.05	mg/L
GW	GWQ-4	5/26/1994	Mercury	<0.001	mg/L
GW	GWQ-4	5/26/1994	Molybdenum	<0.05	mg/L
GW	GWQ-4	5/26/1994	Nickel	<0.05	mg/L
GW	GWQ-4	5/26/1994	Nitrate as N (NO3)	<1	mg/L
GW	GWQ-4	5/26/1994	Selenium	<0.005	mg/L
GW	GWQ-4	5/26/1994	Silver	<0.025	mg/L
GW	GWQ-4	5/26/1994	Sulfate	220	mg/L
GW	GWQ-4	5/26/1994	TDS	928	mg/L
GW	GWQ-4	5/26/1994	Zinc	0.58	mg/L
GW	GWQ-4	5/26/1994	pH	8.05	pH units
GW	GWQ-4	5/26/1994	Conductivity	1010	µmhos/cm
GW	GWQ-4	5/26/1994	Antimony	<0.005	mg/L
GW	GWQ-4	5/26/1994	Calcium	93	mg/L
GW	GWQ-4	5/26/1994	Magnesium	22	mg/L
GW	GWQ-4	5/26/1994	Sodium	74	mg/L
GW	GWQ-4	5/26/1994	Bicarbonate	318	mg/L CaCO3
GW	GWQ-4	5/26/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-4	5/26/1994	Potassium	1.8	mg/L
GW	IW-3	5/26/1994	Aluminum	32	mg/L
GW	IW-3	5/26/1994	Arsenic	<0.005	mg/L
GW	IW-3	5/26/1994	Barium	0.2	mg/L
GW	IW-3	5/26/1994	Cadmium	<0.0005	mg/L
GW	IW-3	5/26/1994	Chloride	209	mg/L
GW	IW-3	5/26/1994	Chromium	0.059	mg/L
GW	IW-3	5/26/1994	Copper	6	mg/L
GW	IW-3	5/26/1994	Fluoride	0.47	mg/L
GW	IW-3	5/26/1994	Iron	22	mg/L
GW	IW-3	5/26/1994	Lead	0.077	mg/L
GW	IW-3	5/26/1994	Manganese	0.35	mg/L
GW	IW-3	5/26/1994	Mercury	<0.001	mg/L
GW	IW-3	5/26/1994	Nickel	0.19	mg/L
GW	IW-3	5/26/1994	Nitrate as N (NO3)	5.7	mg/L
GW	IW-3	5/26/1994	Selenium	<0.005	mg/L
GW	IW-3	5/26/1994	Silver	<0.025	mg/L
GW	IW-3	5/26/1994	Sulfate	415	mg/L
GW	IW-3	5/26/1994	TDS	1870	mg/L
GW	IW-3	5/26/1994	Zinc	0.15	mg/L
GW	IW-3	5/26/1994	pH	7.85	pH units
GW	IW-3	5/26/1994	Conductivity	1790	µmhos/cm
GW	IW-3	5/26/1994	Antimony	<0.005	mg/L
GW	IW-3	5/26/1994	Calcium	240	mg/L
GW	IW-3	5/26/1994	Magnesium	51	mg/L
GW	IW-3	5/26/1994	Sodium	69	mg/L
GW	IW-3	5/26/1994	Bicarbonate	341	mg/L CaCO3
GW	IW-3	5/26/1994	Carbonate	0	mg/L CaCO3
GW	IW-3	5/26/1994	Potassium	4	mg/L
GW	NP-4	5/26/1994	Aluminum	3.5	mg/L
GW	NP-4	5/26/1994	Arsenic	<0.005	mg/L
GW	NP-4	5/26/1994	Barium	<0.1	mg/L
GW	NP-4	5/26/1994	Cadmium	0.0034	mg/L
GW	NP-4	5/26/1994	Chloride	39	mg/L
GW	NP-4	5/26/1994	Chromium	<0.025	mg/L
GW	NP-4	5/26/1994	Copper	<0.025	mg/L
GW	NP-4	5/26/1994	Fluoride	0.46	mg/L
GW	NP-4	5/26/1994	Iron	15	mg/L
GW	NP-4	5/26/1994	Lead	0.018	mg/L
GW	NP-4	5/26/1994	Manganese	0.16	mg/L
GW	NP-4	5/26/1994	Mercury	<0.001	mg/L
GW	NP-4	5/26/1994	Nickel	<0.05	mg/L
GW	NP-4	5/26/1994	Nitrate as N (NO3)	4.3	mg/L
GW	NP-4	5/26/1994	Selenium	<0.005	mg/L
GW	NP-4	5/26/1994	Silver	<0.025	mg/L
GW	NP-4	5/26/1994	Sulfate	131	mg/L
GW	NP-4	5/26/1994	TDS	666	mg/L
GW	NP-4	5/26/1994	Zinc	12	mg/L
GW	NP-4	5/26/1994	pH	8.1	pH units
GW	NP-4	5/26/1994	Conductivity	800	µmhos/cm
GW	NP-4	5/26/1994	Antimony	<0.005	mg/L
GW	NP-4	5/26/1994	Calcium	73	mg/L
GW	NP-4	5/26/1994	Magnesium	15	mg/L
GW	NP-4	5/26/1994	Sodium	62	mg/L
GW	NP-4	5/26/1994	Bicarbonate	320	mg/L CaCO3
GW	NP-4	5/26/1994	Carbonate	0	mg/L CaCO3

GROUNDWATER ANALYSIS DATA

GW	NI-4	6/26/1994	Potassium	3	mg/L
GW	GWQ-1C	6/23/1994	Chloride	103.6	mg/L
GW	GWQ-1C	6/23/1994	Sulfate	191.6	mg/L
GW	GWQ-1C	6/23/1994	TDS	671	mg/L
GW	GWQ-10	6/23/1994	pH	7.97	pH units
GW	GWQ-11	6/23/1994	Chloride	117.2	mg/L
GW	GWQ-11	6/23/1994	Sulfate	274.6	mg/L
GW	GWQ-11	6/23/1994	TDS	802	mg/L
GW	GWQ-11	6/23/1994	pH	7.42	pH units
GW	IW-1	6/23/1994	Chloride	473.6	mg/L
GW	IW-1	6/23/1994	Sulfate	1444	mg/L
GW	IW-1	6/23/1994	TDS	3555	mg/L
GW	IW-1	6/23/1994	pl	7.69	pl units
GW	NP-1	6/23/1994	Chloride	40.3	mg/L
GW	NP-1	6/23/1994	Sulfate	142.3	mg/L
GW	NP-1	6/23/1994	TDS	453	mg/L
GW	NP-1	6/23/1994	pH	7.5	pH units
GW	NP-2	6/23/1994	Chloride	124.3	mg/L
GW	NP-2	6/23/1994	Sulfate	287.6	mg/L
GW	NP-2	6/23/1994	TDS	848	mg/L
GW	NP-2	6/23/1994	pH	7.69	pH units
GW	NP-3	6/23/1994	Chloride	205.7	mg/L
GW	NP-3	6/23/1994	Sulfate	778.6	mg/L
GW	NP-3	6/23/1994	TDS	1628	mg/L
GW	NP-3	6/23/1994	pH	7.77	pH units
GW	NP-4	6/23/1994	Chloride	46.5	mg/L
GW	NP-4	6/23/1994	Sulfate	133.5	mg/L
GW	NP-4	6/23/1994	TDS	498	mg/L
GW	NP-4	6/23/1994	pH	8.13	pH units
GW	NP-5	6/23/1994	Chloride	54.1	mg/L
GW	NP-5	6/23/1994	Sulfate	142.3	mg/L
GW	NP-5	6/23/1994	TDS	488	mg/L
GW	NP-5	6/23/1994	pH	7.68	pH units
GW	MW-2	7/20/1994	Aluminum	<0.35	mg/L
GW	MW-2	7/20/1994	Arsenic	0.019	mg/L
GW	MW-2	7/20/1994	Barium	<0.1	mg/L
GW	MW-2	7/20/1994	Boron	0.16	mg/L
GW	MW-2	7/20/1994	Cadmium	<0.005	mg/L
GW	MW-2	7/20/1994	Chloride	5.5	mg/L
GW	MW-2	7/20/1994	Chromium	<0.025	mg/L
GW	MW-2	7/20/1994	Cobalt	<0.35	mg/L
GW	MW-2	7/20/1994	Copper	<0.325	mg/L
GW	MW-2	7/20/1994	Fluoride	3.1	mg/L
GW	MW-2	7/20/1994	Iron	0.069	mg/L
GW	MW-2	7/20/1994	Lead	<0.005	mg/L
GW	MW-2	7/20/1994	Manganese	<0.33	mg/L
GW	MW-2	7/20/1994	Mercury	<0.001	mg/L
GW	MW-2	7/20/1994	Molybdenum	<0.05	mg/L
GW	MW-2	7/20/1994	Nickel	<0.35	mg/L
GW	MW-2	7/20/1994	Nitrate as N (NO3)	<1	mg/L
GW	MW-2	7/20/1994	Selenium	<0.005	mg/L
GW	MW-2	7/20/1994	Silver	<0.325	mg/L
GW	MW-2	7/20/1994	Sulfate	18	mg/L
GW	MW-2	7/20/1994	TDS	254	mg/L
GW	MW-2	7/20/1994	Zinc	<0.35	mg/L
GW	MW-2	7/20/1994	pH	9	pH units
GW	MW-2	7/20/1994	Conductivity	347	umhos/cm
GW	MW-2	7/20/1994	Antimony	<0.005	mg/L
GW	MW-2	7/20/1994	Beryllium	<0.302	mg/L
GW	MW-2	7/20/1994	Calcium	2.5	mg/L
GW	MW-2	7/20/1994	Magnesium	0.16	mg/L
GW	MW-2	7/20/1994	Thallium	<0.305	mg/L
GW	MW-2	7/20/1994	Sodium	79	mg/L
GW	MW-2	7/20/1994	Bicarbonate	149	mg/L CaCO3
GW	MW-2	7/20/1994	Carbonate	19	mg/L CaCO3
GW	MW-2	7/20/1994	Potassium	<1	mg/L
GW	MW-4	7/20/1994	Aluminum	<0.35	mg/L
GW	MW-4	7/20/1994	Arsenic	<0.005	mg/L
GW	MW-4	7/20/1994	Barium	<0.1	mg/L
GW	MW-4	7/20/1994	Boron	<0.1	mg/L
GW	MW-4	7/20/1994	Cadmium	<0.0005	mg/L
GW	MW-4	7/20/1994	Chloride	17	mg/L
GW	MW-4	7/20/1994	Chromium	<0.325	mg/L
GW	MW-4	7/20/1994	Cobalt	<0.05	mg/L
GW	MW-4	7/20/1994	Copper	<0.325	mg/L
GW	MW-4	7/20/1994	Fluoride	0.25	mg/L

GROUNDWATER ANALYSIS DATA

GW	MW-4	7/20/1994	Iron	<0.05	mg/L
GW	MW-4	7/20/1994	Lead	<0.005	mg/L
GW	MW-4	7/20/1994	Manganese	<0.03	mg/L
GW	MW-4	7/20/1994	Mercury	<0.001	mg/L
GW	MW-4	7/20/1994	Molybdenum	<0.05	mg/L
GW	MW-4	7/20/1994	Nickel	<0.05	mg/L
GW	MW-4	7/20/1994	Nitrate as N (NO3)	<1	mg/L
GW	MW-4	7/20/1994	Selenium	<0.005	mg/L
GW	MW-4	7/20/1994	Silver	<0.025	mg/L
GW	MW-4	7/20/1994	Sulfate	65	mg/L
GW	MW-4	7/20/1994	TDS	258	mg/L
GW	MW-4	7/20/1994	Zinc	<0.05	mg/L
GW	MW-4	7/20/1994	pH	8.34	pH units
GW	MW-4	7/20/1994	Conductivity	408	µmhos/cm
GW	MW-4	7/20/1994	Antimony	<0.005	mg/L
GW	MW-4	7/20/1994	Beryllium	<0.002	mg/L
GW	MW-4	7/20/1994	Calcium	15	mg/L
GW	MW-4	7/20/1994	Magnesium	13	mg/L
GW	MW-4	7/20/1994	Thallium	<0.005	mg/L
GW	MW-4	7/20/1994	Sodium	56	mg/L
GW	MW-4	7/20/1994	Bicarbonate	139	mg/L CaCO3
GW	MW-4	7/20/1994	Carbonate	2	mg/L CaCO3
GW	MW-4	7/20/1994	Potassium	3.4	mg/L
GW	MW-5	7/20/1994	Aluminum	<0.05	mg/L
GW	MW-5	7/20/1994	Arsenic	<0.005	mg/L
GW	MW-5	7/20/1994	Barium	<0.1	mg/L
GW	MW-5	7/20/1994	Boron	<0.1	mg/L
GW	MW-5	7/20/1994	Cadmium	<0.0005	mg/L
GW	MW-5	7/20/1994	Chloride	17	mg/L
GW	MW-5	7/20/1994	Chromium	<0.025	mg/L
GW	MW-5	7/20/1994	Cobalt	<0.05	mg/L
GW	MW-5	7/20/1994	Copper	<0.025	mg/L
GW	MW-5	7/20/1994	Fluoride	0.18	mg/L
GW	MW-5	7/20/1994	Iron	<0.05	mg/L
GW	MW-5	7/20/1994	Lead	<0.005	mg/L
GW	MW-5	7/20/1994	Manganese	<0.03	mg/L
GW	MW-5	7/20/1994	Mercury	<0.001	mg/L
GW	MW-5	7/20/1994	Molybdenum	<0.05	mg/L
GW	MW-5	7/20/1994	Nickel	<0.05	mg/L
GW	MW-5	7/20/1994	Nitrate as N (NO3)	<1	mg/L
GW	MW-5	7/20/1994	Selenium	<0.005	mg/L
GW	MW-5	7/20/1994	Silver	<0.025	mg/L
GW	MW-5	7/20/1994	Sulfate	24	mg/L
GW	MW-5	7/20/1994	TDS	440	mg/L
GW	MW-5	7/20/1994	Zinc	<0.05	mg/L
GW	MW-5	7/20/1994	pH	7.97	pH units
GW	MW-5	7/20/1994	Conductivity	507	µmhos/cm
GW	MW-5	7/20/1994	Antimony	<0.005	mg/L
GW	MW-5	7/20/1994	Beryllium	<0.002	mg/L
GW	MW-5	7/20/1994	Calcium	71	mg/L
GW	MW-5	7/20/1994	Magnesium	11	mg/L
GW	MW-5	7/20/1994	Thallium	<0.005	mg/L
GW	MW-5	7/20/1994	Sodium	33	mg/L
GW	MW-5	7/20/1994	Bicarbonate	274	mg/L CaCO3
GW	MW-5	7/20/1994	Carbonate	0	mg/L CaCO3
GW	MW-5	7/20/1994	Potassium	3.6	mg/L
GW	GWQ-1	7/21/1994	Aluminum	<0.05	mg/L
GW	GWQ-1	7/21/1994	Arsenic	<0.005	mg/L
GW	GWQ-1	7/21/1994	Barium	<0.1	mg/L
GW	GWQ-1	7/21/1994	Boron	<0.1	mg/L
GW	GWQ-1	7/21/1994	Cadmium	<0.0005	mg/L
GW	GWQ-1	7/21/1994	Chloride	25	mg/L
GW	GWQ-1	7/21/1994	Chromium	<0.025	mg/L
GW	GWQ-1	7/21/1994	Cobalt	<0.05	mg/L
GW	GWQ-1	7/21/1994	Copper	<0.025	mg/L
GW	GWQ-1	7/21/1994	Fluoride	0.52	mg/L
GW	GWQ-1	7/21/1994	Iron	<0.05	mg/L
GW	GWQ-1	7/21/1994	Lead	<0.005	mg/L
GW	GWQ-1	7/21/1994	Manganese	<0.03	mg/L
GW	GWQ-1	7/21/1994	Mercury	<0.001	mg/L
GW	GWQ-1	7/21/1994	Molybdenum	<0.05	mg/L
GW	GWQ-1	7/21/1994	Nickel	<0.05	mg/L
GW	GWQ-1	7/21/1994	Nitrate as N (NO3)	4.2	mg/L
GW	GWQ-1	7/21/1994	Selenium	<0.005	mg/L
GW	GWQ-1	7/21/1994	Silver	<0.025	mg/L
GW	GWQ-1	7/21/1994	Sulfate	162	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-1	7/21/1994	TDS	558	mg/L
GW	GWQ-1	7/21/1994	Zinc	<0.05	mg/L
GW	GWQ-1	7/21/1994	pH	7.97	pH units
GW	GWQ-1	7/21/1994	Conductivity	581	umhos/cm
GW	GWQ-1	7/21/1994	Antimony	0.0052	mg/L
GW	GWQ-1	7/21/1994	Beryllium	<0.002	mg/L
GW	GWQ-1	7/21/1994	Calcium	95	mg/L
GW	GWQ-1	7/21/1994	Magnesium	19	mg/L
GW	GWQ-1	7/21/1994	Thallium	<0.005	mg/L
GW	GWQ-1	7/21/1994	Sodium	65	mg/L
GW	GWQ-1	7/21/1994	Bicarbonate	276	mg/L CaCO3
GW	GWQ-1	7/21/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-1	7/21/1994	Potassium	2.7	mg/L
GW	GWQ-12	7/21/1994	Aluminum	<0.05	mg/L
GW	GWQ-12	7/21/1994	Arsenic	<0.005	mg/L
GW	GWQ-12	7/21/1994	Barium	<0.1	mg/L
GW	GWQ-12	7/21/1994	Boron	<0.1	mg/L
GW	GWQ-12	7/21/1994	Cadmium	<0.0005	mg/L
GW	GWQ-12	7/21/1994	Chloride	18	mg/L
GW	GWQ-12	7/21/1994	Chromium	<0.025	mg/L
GW	GWQ-12	7/21/1994	Cobalt	<0.05	mg/L
GW	GWQ-12	7/21/1994	Copper	<0.025	mg/L
GW	GWQ-12	7/21/1994	Fluoride	0.99	mg/L
GW	GWQ-12	7/21/1994	Iron	<0.05	mg/L
GW	GWQ-12	7/21/1994	Lead	<0.005	mg/L
GW	GWQ-12	7/21/1994	Manganese	<0.03	mg/L
GW	GWQ-12	7/21/1994	Mercury	<0.001	mg/L
GW	GWQ-12	7/21/1994	Molybdenum	<0.05	mg/L
GW	GWQ-12	7/21/1994	Nickel	<0.05	mg/L
GW	GWQ-12	7/21/1994	Nitrate as N (NO3)	2.1	mg/L
GW	GWQ-12	7/21/1994	Selenium	<0.005	mg/L
GW	GWQ-12	7/21/1994	Silver	<0.0025	mg/L
GW	GWQ-12	7/21/1994	Sulfate	38	mg/L
GW	GWQ-12	7/21/1994	TDS	358	mg/L
GW	GWQ-12	7/21/1994	Zinc	<0.05	mg/L
GW	GWQ-12	7/21/1994	pH	7.75	pH units
GW	GWQ-12	7/21/1994	Conductivity	537	umhos/cm
GW	GWQ-12	7/21/1994	Antimony	0.0064	mg/L
GW	GWQ-12	7/21/1994	Beryllium	<0.002	mg/L
GW	GWQ-12	7/21/1994	Calcium	59	mg/L
GW	GWQ-12	7/21/1994	Magnesium	19	mg/L
GW	GWQ-12	7/21/1994	Thallium	<0.005	mg/L
GW	GWQ-12	7/21/1994	Sodium	29	mg/L
GW	GWQ-12	7/21/1994	Bicarbonate	262	mg/L CaCO3
GW	GWQ-12	7/21/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-12	7/21/1994	Potassium	3.2	mg/L
GW	GWQ-7	7/21/1994	Aluminum	<0.05	mg/L
GW	GWQ-7	7/21/1994	Arsenic	<0.005	mg/L
GW	GWQ-7	7/21/1994	Barium	<0.1	mg/L
GW	GWQ-7	7/21/1994	Boron	<0.1	mg/L
GW	GWQ-7	7/21/1994	Cadmium	<0.0005	mg/L
GW	GWQ-7	7/21/1994	Chloride	22	mg/L
GW	GWQ-7	7/21/1994	Chromium	<0.025	mg/L
GW	GWQ-7	7/21/1994	Cobalt	<0.05	mg/L
GW	GWQ-7	7/21/1994	Copper	<0.025	mg/L
GW	GWQ-7	7/21/1994	Fluoride	16	mg/L
GW	GWQ-7	7/21/1994	Iron	1.2	mg/L
GW	GWQ-7	7/21/1994	Lead	<0.005	mg/L
GW	GWQ-7	7/21/1994	Manganese	0.21	mg/L
GW	GWQ-7	7/21/1994	Mercury	<0.001	mg/L
GW	GWQ-7	7/21/1994	Molybdenum	<0.05	mg/L
GW	GWQ-7	7/21/1994	Nickel	<0.05	mg/L
GW	GWQ-7	7/21/1994	Nitrate as N (NO3)	<1	mg/L
GW	GWQ-7	7/21/1994	Selenium	<0.005	mg/L
GW	GWQ-7	7/21/1994	Silver	<0.025	mg/L
GW	GWQ-7	7/21/1994	Sulfate	<5	mg/L
GW	GWQ-7	7/21/1994	TDS	224	mg/L
GW	GWQ-7	7/21/1994	Zinc	<0.05	mg/L
GW	GWQ-7	7/21/1994	pH	7.72	pH units
GW	GWQ-7	7/21/1994	Conductivity	680	umhos/cm
GW	GWQ-7	7/21/1994	Antimony	<0.005	mg/L
GW	GWQ-7	7/21/1994	Beryllium	<0.002	mg/L
GW	GWQ-7	7/21/1994	Calcium	14	mg/L
GW	GWQ-7	7/21/1994	Magnesium	9.2	mg/L
GW	GWQ-7	7/21/1994	Thallium	<0.005	mg/L
GW	GWQ-7	7/21/1994	Sodium	47	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-7	7/21/1994	Bicarbonate	349	mg/L CaCO ₃
GW	GWQ-7	7/21/1994	Carbonate	0	mg/L CaCO ₃
GW	GWQ-7	7/21/1994	Potassium	13	mg/L
GW	MW-8	7/21/1994	Aluminum	<0.05	mg/L
GW	MW-8	7/21/1994	Arsenic	0.012	mg/L
GW	MW-8	7/21/1994	Barium	<0.1	mg/L
GW	MW-8	7/21/1994	Boron	<0.1	mg/L
GW	MW-8	7/21/1994	Cadmium	<0.0005	mg/L
GW	MW-8	7/21/1994	Chloride	6.6	mg/L
GW	MW-8	7/21/1994	Chromium	<0.025	mg/L
GW	MW-8	7/21/1994	Cobalt	<0.05	mg/L
GW	MW-8	7/21/1994	Copper	<0.025	mg/L
GW	MW-8	7/21/1994	Fluoride	1	mg/L
GW	MW-8	7/21/1994	Iron	0.14	mg/L
GW	MW-8	7/21/1994	Lead	<0.005	mg/L
GW	MW-8	7/21/1994	Manganese	<0.03	mg/L
GW	MW-8	7/21/1994	Mercury	<0.001	mg/L
GW	MW-8	7/21/1994	Molybdenum	<0.05	mg/L
GW	MW-8	7/21/1994	Nickel	<0.05	mg/L
GW	MW-8	7/21/1994	Nitrate as N (NO ₃)	<1	mg/L
GW	MW-8	7/21/1994	Selenium	<0.005	mg/L
GW	MW-8	7/21/1994	Silver	<0.025	mg/L
GW	MW-8	7/21/1994	Sulfate	18	mg/L
GW	MW-8	7/21/1994	TDS	290	mg/L
GW	MW-8	7/21/1994	Zinc	<0.05	mg/L
GW	MW-8	7/21/1994	pH	8.85	pH units
GW	MW-8	7/21/1994	Conductivity	438	umhos/cm
GW	MW-8	7/21/1994	Antimony	<0.005	mg/L
GW	MW-8	7/21/1994	Beryllium	<0.002	mg/L
GW	MW-8	7/21/1994	Calcium	4.8	mg/L
GW	MW-8	7/21/1994	Magnesium	1	mg/L
GW	MW-8	7/21/1994	Thallium	<0.005	mg/L
GW	MW-8	7/21/1994	Sodium	99	mg/L
GW	MW-8	7/21/1994	Bicarbonate	196	mg/L CaCO ₃
GW	MW-8	7/21/1994	Carbonate	18	mg/L CaCO ₃
GW	MW-8	7/21/1994	Potassium	3.4	mg/L
GW	NP-1	7/21/1994	Aluminum	<0.05	mg/L
GW	NP-1	7/21/1994	Arsenic	<0.005	mg/L
GW	NP-1	7/21/1994	Barium	<0.1	mg/L
GW	NP-1	7/21/1994	Boron	<0.1	mg/L
GW	NP-1	7/21/1994	Cadmium	<0.0005	mg/L
GW	NP-1	7/21/1994	Chloride	23	mg/L
GW	NP-1	7/21/1994	Chromium	<0.025	mg/L
GW	NP-1	7/21/1994	Cobalt	<0.05	mg/L
GW	NP-1	7/21/1994	Copper	<0.025	mg/L
GW	NP-1	7/21/1994	Fluoride	0.65	mg/L
GW	NP-1	7/21/1994	Iron	0.052	mg/L
GW	NP-1	7/21/1994	Lead	<0.005	mg/L
GW	NP-1	7/21/1994	Manganese	0.27	mg/L
GW	NP-1	7/21/1994	Mercury	<0.001	mg/L
GW	NP-1	7/21/1994	Molybdenum	<0.05	mg/L
GW	NP-1	7/21/1994	Nickel	<0.05	mg/L
GW	NP-1	7/21/1994	Nitrate as N (NO ₃)	<1	mg/L
GW	NP-1	7/21/1994	Selenium	<0.005	mg/L
GW	NP-1	7/21/1994	Silver	<0.025	mg/L
GW	NP-1	7/21/1994	Sulfate	133	mg/L
GW	NP-1	7/21/1994	TDS	464	mg/L
GW	NP-1	7/21/1994	Zinc	4.9	mg/L
GW	NP-1	7/21/1994	pH	7.87	pH units
GW	NP-1	7/21/1994	Conductivity	698	umhos/cm
GW	NP-1	7/21/1994	Antimony	<0.005	mg/L
GW	NP-1	7/21/1994	Beryllium	<0.002	mg/L
GW	NP-1	7/21/1994	Calcium	71	mg/L
GW	NP-1	7/21/1994	Magnesium	23	mg/L
GW	NP-1	7/21/1994	Thallium	<0.005	mg/L
GW	NP-1	7/21/1994	Sodium	47	mg/L
GW	NP-1	7/21/1994	Bicarbonate	249	mg/L CaCO ₃
GW	NP-1	7/21/1994	Carbonate	0	mg/L CaCO ₃
GW	NP-1	7/21/1994	Potassium	2.2	mg/L
GW	GWQ-11	7/22/1994	Aluminum	<0.05	mg/L
GW	GWQ-11	7/22/1994	Arsenic	<0.005	mg/L
GW	GWQ-11	7/22/1994	Barium	<0.1	mg/L
GW	GWQ-11	7/22/1994	Boron	<0.1	mg/L
GW	GWQ-11	7/22/1994	Cadmium	<0.0005	mg/L
GW	GWQ-11	7/22/1994	Chloride	116	mg/L
GW	GWQ-11	7/22/1994	Chromium	<0.025	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-11	7/22/1994	Cobalt	<0.05	mg/L
GW	GWQ-11	7/22/1994	Copper	<0.025	mg/L
GW	GWQ-11	7/22/1994	Fluoride	0.7	mg/L
GW	GWQ-11	7/22/1994	Iron	<0.05	mg/L
GW	GWQ-11	7/22/1994	Lead	<0.005	mg/L
GW	GWQ-11	7/22/1994	Manganese	<0.03	mg/L
GW	GWQ-11	7/22/1994	Mercury	<0.001	mg/L
GW	GWQ-11	7/22/1994	Molybdenum	<0.05	mg/L
GW	GWQ-11	7/22/1994	Nickel	<0.05	mg/L
GW	GWQ-11	7/22/1994	Nitrate as N (NO3)	3.8	mg/L
GW	GWQ-11	7/22/1994	Selenium	<0.005	mg/L
GW	GWQ-11	7/22/1994	Silver	<0.025	mg/L
GW	GWQ-11	7/22/1994	Sulfate	272	mg/L
GW	GWQ-11	7/22/1994	TDS	806	mg/L
GW	GWQ-11	7/22/1994	Zinc	<0.05	mg/L
GW	GWQ-11	7/22/1994	pH	7.7	pH units
GW	GWQ-11	7/22/1994	Conductivity	1210	umhos/cm
GW	GWQ-11	7/22/1994	Antimony	0.0055	mg/L
GW	GWQ-11	7/22/1994	Beryllium	<0.002	mg/L
GW	GWQ-11	7/22/1994	Calcium	140	mg/L
GW	GWQ-11	7/22/1994	Magnesium	37	mg/L
GW	GWQ-11	7/22/1994	Thallium	<0.005	mg/L
GW	GWQ-11	7/22/1994	Sodium	66	mg/L
GW	GWQ-11	7/22/1994	Bicarbonate	207	mg/L CaCO3
GW	GWQ-11	7/22/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-11	7/22/1994	Potassium	3.4	mg/L
GW	IW-1	7/22/1994	Aluminum	<0.05	mg/L
GW	IW-1	7/22/1994	Arsenic	<0.005	mg/L
GW	IW-1	7/22/1994	Barium	<0.1	mg/L
GW	IW-1	7/22/1994	Boron	0.1	mg/L
GW	IW-1	7/22/1994	Cadmium	<0.0005	mg/L
GW	IW-1	7/22/1994	Chloride	431	mg/L
GW	IW-1	7/22/1994	Chromium	<0.025	mg/L
GW	IW-1	7/22/1994	Cobalt	<0.05	mg/L
GW	IW-1	7/22/1994	Copper	<0.025	mg/L
GW	IW-1	7/22/1994	Fluoride	0.72	mg/L
GW	IW-1	7/22/1994	Iron	<0.05	mg/L
GW	IW-1	7/22/1994	Lead	<0.005	mg/L
GW	IW-1	7/22/1994	Manganese	<0.03	mg/L
GW	IW-1	7/22/1994	Mercury	<0.001	mg/L
GW	IW-1	7/22/1994	Molybdenum	<0.05	mg/L
GW	IW-1	7/22/1994	Nickel	<0.05	mg/L
GW	IW-1	7/22/1994	Nitrate as N (NO3)	5.9	mg/L
GW	IW-1	7/22/1994	Selenium	0.015	mg/L
GW	IW-1	7/22/1994	Silver	<0.025	mg/L
GW	IW-1	7/22/1994	Sulfate	1460	mg/L
GW	IW-1	7/22/1994	TDS	3450	mg/L
GW	IW-1	7/22/1994	Zinc	<0.05	mg/L
GW	IW-1	7/22/1994	pH	7.51	pH units
GW	IW-1	7/22/1994	Conductivity	4100	umhos/cm
GW	IW-1	7/22/1994	Antimony	<0.005	mg/L
GW	IW-1	7/22/1994	Beryllium	<0.002	mg/L
GW	IW-1	7/22/1994	Calcium	670	mg/L
GW	IW-1	7/22/1994	Magnesium	200	mg/L
GW	IW-1	7/22/1994	Thallium	0.0063	mg/L
GW	IW-1	7/22/1994	Sodium	280	mg/L
GW	IW-1	7/22/1994	Bicarbonate	256	mg/L CaCO3
GW	IW-1	7/22/1994	Carbonate	0	mg/L CaCO3
GW	IW-1	7/22/1994	Potassium	2.5	mg/L
GW	IW-2	7/22/1994	Aluminum	<0.05	mg/L
GW	IW-2	7/22/1994	Arsenic	<0.005	mg/L
GW	IW-2	7/22/1994	Barium	<0.1	mg/L
GW	IW-2	7/22/1994	Boron	0.15	mg/L
GW	IW-2	7/22/1994	Cadmium	<0.0005	mg/L
GW	IW-2	7/22/1994	Chloride	380	mg/L
GW	IW-2	7/22/1994	Chromium	<0.025	mg/L
GW	IW-2	7/22/1994	Cobalt	<0.05	mg/L
GW	IW-2	7/22/1994	Copper	<0.025	mg/L
GW	IW-2	7/22/1994	Fluoride	0.69	mg/L
GW	IW-2	7/22/1994	Iron	<0.05	mg/L
GW	IW-2	7/22/1994	Lead	<0.005	mg/L
GW	IW-2	7/22/1994	Manganese	0.038	mg/L
GW	IW-2	7/22/1994	Mercury	<0.001	mg/L
GW	IW-2	7/22/1994	Molybdenum	<0.05	mg/L
GW	IW-2	7/22/1994	Nickel	<0.05	mg/L
GW	IW-2	7/22/1994	Nitrate as N (NO3)	<1	mg/L

GROUNDWATER ANALYSIS DATA

GW	W-2	7/22/1994	Selenium	0.014	mg/L
GW	W-2	7/22/1994	Silver	<0.025	mg/L
GW	W-2	7/22/1994	Sulfate	1040	mg/L
GW	W-2	7/22/1994	TDS	2380	mg/L
GW	W-2	7/22/1994	Zinc	<0.05	mg/L
GW	W-2	7/22/1994	pH	7.76	pH units
GW	W-2	7/22/1994	Conductivity	3400	umhos/cm
GW	W-2	7/22/1994	Antimony	<0.005	mg/L
GW	W-2	7/22/1994	Beryllium	<0.002	mg/L
GW	W-2	7/22/1994	Calcium	390	mg/L
GW	W-2	7/22/1994	Magnesium	110	mg/L
GW	W-2	7/22/1994	Thallium	0.0073	mg/L
GW	W-2	7/22/1994	Sodium	360	mg/L
GW	W-2	7/22/1994	Bicarbonate	300	mg/L CaCO3
GW	W-2	7/22/1994	Carbonate	0	mg/L CaCO3
GW	W-2	7/22/1994	Potassium	1.3	mg/L
GW	NP-2	7/22/1994	Aluminum	<0.05	mg/L
GW	NP-2	7/22/1994	Arsenic	<0.005	mg/L
GW	NP-2	7/22/1994	Barium	<0.1	mg/L
GW	NP-2	7/22/1994	Boron	<0.1	mg/L
GW	NP-2	7/22/1994	Cadmium	<0.0005	mg/L
GW	NP-2	7/22/1994	Chloride	126	mg/L
GW	NP-2	7/22/1994	Chromium	<0.025	mg/L
GW	NP-2	7/22/1994	Cobalt	<0.05	mg/L
GW	NP-2	7/22/1994	Copper	<0.025	mg/L
GW	NP-2	7/22/1994	Fluoride	0.94	mg/L
GW	NP-2	7/22/1994	Iron	<0.05	mg/L
GW	NP-2	7/22/1994	Lead	<0.005	mg/L
GW	NP-2	7/22/1994	Manganese	<0.03	mg/L
GW	NP-2	7/22/1994	Mercury	<0.001	mg/L
GW	NP-2	7/22/1994	Molybdenum	<0.05	mg/L
GW	NP-2	7/22/1994	Nickel	<0.05	mg/L
GW	NP-2	7/22/1994	Nitrate as N (NO3)	1.5	mg/L
GW	NP-2	7/22/1994	Selenium	<0.005	mg/L
GW	NP-2	7/22/1994	Silver	<0.025	mg/L
GW	NP-2	7/22/1994	Sulfate	288	mg/L
GW	NP-2	7/22/1994	TDS	878	mg/L
GW	NP-2	7/22/1994	Zinc	1.2	mg/L
GW	NP-2	7/22/1994	pH	7.86	pH units
GW	NP-2	7/22/1994	Conductivity	1380	umhos/cm
GW	NP-2	7/22/1994	Antimony	0.0050	mg/L
GW	NP-2	7/22/1994	Beryllium	<0.002	mg/L
GW	NP-2	7/22/1994	Calcium	120	mg/L
GW	NP-2	7/22/1994	Magnesium	43	mg/L
GW	NP-2	7/22/1994	Thallium	<0.005	mg/L
GW	NP-2	7/22/1994	Sodium	120	mg/L
GW	NP-2	7/22/1994	Bicarbonate	270	mg/L CaCO3
GW	NP-2	7/22/1994	Carbonate	0	mg/L CaCO3
GW	NP-2	7/22/1994	Potassium	1.3	mg/L
GW	NP-3	7/22/1994	Aluminum	<0.05	mg/L
GW	NP-3	7/22/1994	Arsenic	<0.005	mg/L
GW	NP-3	7/22/1994	Barium	<0.1	mg/L
GW	NP-3	7/22/1994	Boron	<0.1	mg/L
GW	NP-3	7/22/1994	Cadmium	<0.0005	mg/L
GW	NP-3	7/22/1994	Chloride	194	mg/L
GW	NP-3	7/22/1994	Chromium	<0.025	mg/L
GW	NP-3	7/22/1994	Cobalt	<0.05	mg/L
GW	NP-3	7/22/1994	Copper	<0.025	mg/L
GW	NP-3	7/22/1994	Fluoride	0.34	mg/L
GW	NP-3	7/22/1994	Iron	<0.05	mg/L
GW	NP-3	7/22/1994	Lead	<0.005	mg/L
GW	NP-3	7/22/1994	Manganese	0.61	mg/L
GW	NP-3	7/22/1994	Mercury	<0.001	mg/L
GW	NP-3	7/22/1994	Molybdenum	<0.05	mg/L
GW	NP-3	7/22/1994	Nickel	<0.05	mg/L
GW	NP-3	7/22/1994	Nitrate as N (NO3)	<1	mg/L
GW	NP-3	7/22/1994	Selenium	<0.005	mg/L
GW	NP-3	7/22/1994	Silver	<0.025	mg/L
GW	NP-3	7/22/1994	Sulfate	796	mg/L
GW	NP-3	7/22/1994	TDS	1620	mg/L
GW	NP-3	7/22/1994	Zinc	1.8	mg/L
GW	NP-3	7/22/1994	pH	7.83	pH units
GW	NP-3	7/22/1994	Conductivity	2160	umhos/cm
GW	NP-3	7/22/1994	Antimony	<0.005	mg/L
GW	NP-3	7/22/1994	Beryllium	<0.002	mg/L
GW	NP-3	7/22/1994	Calcium	320	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	7/22/1994	Magnesium	73	mg/L
GW	NP-3	7/22/1994	Thallium	<0.305	mg/L
GW	NP-3	7/22/1994	Sodium	120	mg/L
GW	NP-3	7/22/1994	Bicarbonate	116	mg/L CaCO3
GW	NP-3	7/22/1994	Carbonate	0	mg/L CaCO3
GW	NP-3	7/22/1994	Potassium	4.5	mg/L
GW	GWQ-1C	7/23/1994	Aluminum	<0.35	mg/L
GW	GWQ-10	7/23/1994	Arsenic	<0.005	mg/L
GW	GWQ-10	7/23/1994	Barium	<0.1	mg/L
GW	GWQ-1C	7/23/1994	Boron	<0.1	mg/L
GW	GWQ-10	7/23/1994	Cadmium	<0.0005	mg/L
GW	GWQ-1C	7/23/1994	Chloride	98	mg/L
GW	GWQ-1C	7/23/1994	Chromium	<0.325	mg/L
GW	GWQ-1C	7/23/1994	Cobalt	<0.35	mg/L
GW	GWQ-1C	7/23/1994	Copper	<0.325	mg/L
GW	GWQ-10	7/23/1994	Fluoride	0.49	mg/L
GW	GWQ-1C	7/23/1994	Iron	<0.35	mg/L
GW	GWQ-1C	7/23/1994	Lead	<0.305	mg/L
GW	GWQ-10	7/23/1994	Manganese	<0.03	mg/L
GW	GWQ-1C	7/23/1994	Mercury	<0.001	mg/L
GW	GWQ-1C	7/23/1994	Molybdenum	<0.35	mg/L
GW	GWQ-10	7/23/1994	Nickel	<0.05	mg/L
GW	GWQ-1C	7/23/1994	Nitrate as N (NO3)	3.5	mg/L
GW	GWQ-10	7/23/1994	Selenium	<0.005	mg/L
GW	GWQ-1C	7/23/1994	Silver	<0.325	mg/L
GW	GWQ-10	7/23/1994	Sulfate	154	mg/L
GW	GWQ-10	7/23/1994	TDS	696	mg/L
GW	GWQ-1C	7/23/1994	Zinc	<0.35	mg/L
GW	GWQ-10	7/23/1994	pH	7.97	pH units
GW	GWQ-10	7/23/1994	Conductivity	1050	umhos/cm
GW	GWQ-1C	7/23/1994	Antimony	<0.305	mg/L
GW	GWQ-10	7/23/1994	Beryllium	<0.002	mg/L
GW	GWQ-1C	7/23/1994	Calcium	110	mg/L
GW	GWQ-1C	7/23/1994	Magnesium	26	mg/L
GW	GWQ-1C	7/23/1994	Thallium	<0.305	mg/L
GW	GWQ-1C	7/23/1994	Sodium	66	mg/L
GW	GWQ-10	7/23/1994	Bicarbonate	238	mg/L CaCO3
GW	GWQ-1C	7/23/1994	Carbonate	0	mg/L CaCO3
GW	GWQ-1C	7/23/1994	Potassium	2.8	mg/L
GW	IW-3	7/23/1994	Aluminum	<0.05	mg/L
GW	IW-3	7/23/1994	Arsenic	<0.305	mg/L
GW	IW-3	7/23/1994	Barium	<0.1	mg/L
GW	IW-3	7/23/1994	Boron	<0.1	mg/L
GW	IW-3	7/23/1994	Cadmium	<0.3005	mg/L
GW	IW-3	7/23/1994	Chloride	206	mg/L
GW	IW-3	7/23/1994	Chromium	<0.325	mg/L
GW	IW-3	7/23/1994	Cobalt	<0.05	mg/L
GW	IW-3	7/23/1994	Copper	0.056	mg/L
GW	IW-3	7/23/1994	Fluoride	0.48	mg/L
GW	IW-3	7/23/1994	Iron	<0.05	mg/L
GW	IW-3	7/23/1994	Lead	<0.005	mg/L
GW	IW-3	7/23/1994	Manganese	0.13	mg/L
GW	IW-3	7/23/1994	Mercury	<0.001	mg/L
GW	IW-3	7/23/1994	Molybdenum	0.082	mg/L
GW	IW-3	7/23/1994	Nickel	<0.05	mg/L
GW	IW-3	7/23/1994	Nitrate as N (NO3)	5	mg/L
GW	IW-3	7/23/1994	Selenium	0.011	mg/L
GW	IW-3	7/23/1994	Silver	<0.025	mg/L
GW	IW-3	7/23/1994	Sulfate	437	mg/L
GW	IW-3	7/23/1994	TDS	1300	mg/L
GW	IW-3	7/23/1994	Zinc	<0.05	mg/L
GW	IW-3	7/23/1994	pH	7.76	pH units
GW	IW-3	7/23/1994	Conductivity	1860	umhos/cm
GW	IW-3	7/23/1994	Antimony	0.0055	mg/L
GW	IW-3	7/23/1994	Beryllium	<0.302	mg/L
GW	IW-3	7/23/1994	Calcium	200	mg/L
GW	IW-3	7/23/1994	Magnesium	66	mg/L
GW	IW-3	7/23/1994	Thallium	<0.005	mg/L
GW	IW-3	7/23/1994	Sodium	89	mg/L
GW	IW-3	7/23/1994	Bicarbonate	255	mg/L CaCO3
GW	IW-3	7/23/1994	Carbonate	0	mg/L CaCO3
GW	IW-3	7/23/1994	Potassium	3.6	mg/L
GW	NP-4	7/23/1994	Aluminum	<0.35	mg/L
GW	NP-4	7/23/1994	Arsenic	<0.005	mg/L
GW	NP-4	7/23/1994	Barium	<0.1	mg/L
GW	NP-4	7/23/1994	Boron	<0.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-4	7/23/1994	Cadmium	<0.0005	mg/L
GW	NP-4	7/23/1994	Chloride	34	mg/L
GW	NP-4	7/23/1994	Chromium	<0.025	mg/L
GW	NP-4	7/23/1994	Cobalt	<0.05	mg/L
GW	NP-4	7/23/1994	Copper	<0.025	mg/L
GW	NP-4	7/23/1994	Fluoride	0.46	mg/L
GW	NP-4	7/23/1994	Iron	<0.05	mg/L
GW	NP-4	7/23/1994	Lead	<0.005	mg/L
GW	NP-4	7/23/1994	Manganese	<0.03	mg/L
GW	NP-4	7/23/1994	Mercury	<0.001	mg/L
GW	NP-4	7/23/1994	Molybdenum	<0.05	mg/L
GW	NP-4	7/23/1994	Nickel	<0.05	mg/L
GW	NP-4	7/23/1994	Nitrate as N (NO3)	4.6	mg/L
GW	NP-4	7/23/1994	Selenium	<0.005	mg/L
GW	NP-4	7/23/1994	Silver	<0.025	mg/L
GW	NP-4	7/23/1994	Sulfate	120	mg/L
GW	NP-4	7/23/1994	TDS	536	mg/L
GW	NP-4	7/23/1994	Zinc	0.51	mg/L
GW	NP-4	7/23/1994	pH	7.9	pH units
GW	NP-4	7/23/1994	Conductivity	828	µmhos/cm
GW	NP-4	7/23/1994	Antimony	0.01	mg/L
GW	NP-4	7/23/1994	Beryllium	<0.002	mg/L
GW	NP-4	7/23/1994	Calcium	88	mg/L
GW	NP-4	7/23/1994	Magnesium	16	mg/L
GW	NP-4	7/23/1994	Thallium	<0.005	mg/L
GW	NP-4	7/23/1994	Sodium	72	mg/L
GW	NP-4	7/23/1994	Bicarbonate	279	mg/L CaCO3
GW	NP-4	7/23/1994	Carbonate	0	mg/L CaCO3
GW	NP-4	7/23/1994	Potassium	2.5	mg/L
GW	NP-5	7/23/1994	Aluminum	<0.05	mg/L
GW	NP-5	7/23/1994	Arsenic	<0.005	mg/L
GW	NP-5	7/23/1994	Barium	<0.1	mg/L
GW	NP-5	7/23/1994	Boron	<0.1	mg/L
GW	NP-5	7/23/1994	Cadmium	<0.0005	mg/L
GW	NP-5	7/23/1994	Chloride	41	mg/L
GW	NP-5	7/23/1994	Chromium	<0.025	mg/L
GW	NP-5	7/23/1994	Cobalt	<0.05	mg/L
GW	NP-5	7/23/1994	Copper	<0.025	mg/L
GW	NP-5	7/23/1994	Fluoride	0.71	mg/L
GW	NP-5	7/23/1994	Iron	<0.05	mg/L
GW	NP-5	7/23/1994	Lead	<0.005	mg/L
GW	NP-5	7/23/1994	Manganese	<0.03	mg/L
GW	NP-5	7/23/1994	Mercury	<0.001	mg/L
GW	NP-5	7/23/1994	Molybdenum	<0.05	mg/L
GW	NP-5	7/23/1994	Nickel	<0.05	mg/L
GW	NP-5	7/23/1994	Nitrate as N (NO3)	3.3	mg/L
GW	NP-5	7/23/1994	Selenium	<0.005	mg/L
GW	NP-5	7/23/1994	Silver	<0.025	mg/L
GW	NP-5	7/23/1994	Sulfate	131	mg/L
GW	NP-5	7/23/1994	TDS	494	mg/L
GW	NP-5	7/23/1994	Zinc	<0.05	mg/L
GW	NP-5	7/23/1994	pH	7.89	pH units
GW	NP-5	7/23/1994	Conductivity	749	µmhos/cm
GW	NP-5	7/23/1994	Antimony	<0.005	mg/L
GW	NP-5	7/23/1994	Beryllium	<0.002	mg/L
GW	NP-5	7/23/1994	Calcium	79	mg/L
GW	NP-5	7/23/1994	Magnesium	24	mg/L
GW	NP-5	7/23/1994	Thallium	<0.005	mg/L
GW	NP-5	7/23/1994	Sodium	45	mg/L
GW	NP-5	7/23/1994	Bicarbonate	206	mg/L CaCO3
GW	NP-5	7/23/1994	Carbonate	0	mg/L CaCO3
GW	NP-5	7/23/1994	Potassium	3.1	mg/L
GW	MW-6	8/2/1994	Aluminum	<0.05	mg/L
GW	MW-6	8/2/1994	Arsenic	0.013	mg/L
GW	MW-6	8/2/1994	Barium	<0.1	mg/L
GW	MW-6	8/2/1994	Boron	0.16	mg/L
GW	MW-6	8/2/1994	Cadmium	<0.0005	mg/L
GW	MW-6	8/2/1994	Chloride	75	mg/L
GW	MW-6	8/2/1994	Chromium	<0.025	mg/L
GW	MW-6	8/2/1994	Cobalt	<0.05	mg/L
GW	MW-6	8/2/1994	Copper	<0.025	mg/L
GW	MW-6	8/2/1994	Fluoride	1.6	mg/L
GW	MW-6	8/2/1994	Iron	0.41	mg/L
GW	MW-6	8/2/1994	Lead	<0.005	mg/L
GW	MW-6	8/2/1994	Manganese	<0.03	mg/L
GW	MW-6	8/2/1994	Mercury	<0.001	mg/L

GROUNDWATER ANALYSIS DATA

GW	MW-6	8/2/1994	Molybdenum	<0.05	mg/L
GW	MW-6	8/2/1994	Nickel	<0.05	mg/L
GW	MW-6	8/2/1994	Nitrate as N (NO3)	<1	mg/L
GW	MW-6	8/2/1994	Selenium	<0.005	mg/L
GW	MW-6	8/2/1994	Silver	<0.025	mg/L
GW	MW-6	8/2/1994	Sulfate	45	mg/L
GW	MW-6	8/2/1994	TDS	436	mg/L
GW	MW-6	8/2/1994	Zinc	<0.05	mg/L
GW	MW-6	8/2/1994	pH	8.09	pH units
GW	MW-6	8/2/1994	Conductivity	626	umhos/cm
GW	MW-6	8/2/1994	Antimony	0.01	mg/L
GW	MW-6	8/2/1994	Beryllium	<0.002	mg/L
GW	MW-6	8/2/1994	Calcium	14	mg/L
GW	MW-6	8/2/1994	Magnesium	0.95	mg/L
GW	MW-6	8/2/1994	Thallium	<0.005	mg/L
GW	MW-6	8/2/1994	Sodium	120	mg/L
GW	MW-6	8/2/1994	Bicarbonate	154	mg/L CaCO3
GW	MW-6	8/2/1994	Carbonate	0	mg/L CaCO3
GW	MW-6	8/2/1994	Potassium	6.2	mg/L
GW	PW-2	8/2/1994	Aluminum	<0.05	mg/L
GW	PW-2	8/2/1994	Arsenic	<0.005	mg/L
GW	PW-2	8/2/1994	Barium	<0.1	mg/L
GW	PW-2	8/2/1994	Boron	<0.1	mg/L
GW	PW-2	8/2/1994	Cadmium	<0.0005	mg/L
GW	PW-2	8/2/1994	Chloride	24	mg/L
GW	PW-2	8/2/1994	Chromium	<0.025	mg/L
GW	PW-2	8/2/1994	Cobalt	<0.05	mg/L
GW	PW-2	8/2/1994	Copper	<0.025	mg/L
GW	PW-2	8/2/1994	Fluoride	0.39	mg/L
GW	PW-2	8/2/1994	Iron	0.062	mg/L
GW	PW-2	8/2/1994	Lead	<0.005	mg/L
GW	PW-2	8/2/1994	Manganese	0.032	mg/L
GW	PW-2	8/2/1994	Mercury	<0.001	mg/L
GW	PW-2	8/2/1994	Molybdenum	<0.05	mg/L
GW	PW-2	8/2/1994	Nickel	<0.05	mg/L
GW	PW-2	8/2/1994	Nitrate as N (NO3)	<1	mg/L
GW	PW-2	8/2/1994	Selenium	<0.005	mg/L
GW	PW-2	8/2/1994	Silver	<0.025	mg/L
GW	PW-2	8/2/1994	Sulfate	27	mg/L
GW	PW-2	8/2/1994	TDS	338	mg/L
GW	PW-2	8/2/1994	Zinc	<0.05	mg/L
GW	PW-2	8/2/1994	pH	7.65	pH units
GW	PW-2	8/2/1994	Conductivity	508	umhos/cm
GW	PW-2	8/2/1994	Antimony	0.011	mg/L
GW	PW-2	8/2/1994	Beryllium	<0.002	mg/L
GW	PW-2	8/2/1994	Calcium	60	mg/L
GW	PW-2	8/2/1994	Magnesium	8.4	mg/L
GW	PW-2	8/2/1994	Thallium	<0.005	mg/L
GW	PW-2	8/2/1994	Sodium	46	mg/L
GW	PW-2	8/2/1994	Bicarbonate	273	mg/L CaCO3
GW	PW-2	8/2/1994	Carbonate	0	mg/L CaCO3
GW	PW-2	8/2/1994	Potassium	3.4	mg/L
GW	PW-4	8/2/1994	Aluminum	<0.05	mg/L
GW	PW-4	8/2/1994	Arsenic	<0.005	mg/L
GW	PW-4	8/2/1994	Barium	<0.1	mg/L
GW	PW-4	8/2/1994	Boron	<0.1	mg/L
GW	PW-4	8/2/1994	Cadmium	<0.0005	mg/L
GW	PW-4	8/2/1994	Chloride	27	mg/L
GW	PW-4	8/2/1994	Chromium	<0.025	mg/L
GW	PW-4	8/2/1994	Cobalt	<0.05	mg/L
GW	PW-4	8/2/1994	Copper	<0.025	mg/L
GW	PW-4	8/2/1994	Fluoride	0.46	mg/L
GW	PW-4	8/2/1994	Iron	<0.05	mg/L
GW	PW-4	8/2/1994	Lead	<0.005	mg/L
GW	PW-4	8/2/1994	Manganese	<0.03	mg/L
GW	PW-4	8/2/1994	Mercury	<0.001	mg/L
GW	PW-4	8/2/1994	Molybdenum	<0.05	mg/L
GW	PW-4	8/2/1994	Nickel	<0.05	mg/L
GW	PW-4	8/2/1994	Nitrate as N (NO3)	<1	mg/L
GW	PW-4	8/2/1994	Selenium	<0.005	mg/L
GW	PW-4	8/2/1994	Silver	<0.025	mg/L
GW	PW-4	8/2/1994	Sulfate	17	mg/L
GW	PW-4	8/2/1994	TDS	274	mg/L
GW	PW-4	8/2/1994	Zinc	<0.05	mg/L
GW	PW-4	8/2/1994	pH	7.57	pH units
GW	PW-4	8/2/1994	Conductivity	396	umhos/cm

GROUNDWATER ANALYSIS DATA

GW	IW-4	8/2/1994	Antimony	0.0062	mg/L
GW	PW-4	8/2/1994	Beryllium	<0.002	mg/L
GW	PW-4	8/2/1994	Calcium	21	mg/L
GW	PW-4	8/2/1994	Magnesium	1.7	mg/L
GW	PW-4	8/2/1994	Thallium	<0.005	mg/L
GW	PW-4	8/2/1994	Sodium	73	mg/L
GW	PW-4	8/2/1994	Bicarbonate	190	mg/L CaCO3
GW	PW-4	8/2/1994	Carbonate	0	mg/L CaCO3
GW	PW-4	8/2/1994	Potassium	3.5	mg/L
GW	GWQ-1C	9/22/1994	Chloride	89.2	mg/L
GW	GWQ-10	9/22/1994	Sulfate	155.6	mg/L
GW	GWQ-1C	9/22/1994	TDS	686	mg/L
GW	GWQ-1C	9/22/1994	pH	7.45	pH units
GW	GWQ-11	9/22/1994	Chloride	112.3	mg/L
GW	GWQ-11	9/22/1994	Sulfate	234.5	mg/L
GW	GWQ-11	9/22/1994	TDS	816	mg/L
GW	GWQ-11	9/22/1994	pH	7.37	pH units
GW	IW-1	9/22/1994	Chloride	435.9	mg/L
GW	IW-1	9/22/1994	Sulfate	1348	mg/L
GW	IW-1	9/22/1994	TDS	3466	mg/L
GW	IW-1	9/22/1994	pH	7.05	pH units
GW	NP-1	9/22/1994	Chloride	24.3	mg/L
GW	NP-1	9/22/1994	Sulfate	118.6	mg/L
GW	NP-1	9/22/1994	TDS	488	mg/L
GW	NP-1	9/22/1994	pH	7.49	pH units
GW	NP-2	9/22/1994	Chloride	123.6	mg/L
GW	NP-2	9/22/1994	Sulfate	252.7	mg/L
GW	NP-2	9/22/1994	TDS	963	mg/L
GW	NP-2	9/22/1994	pH	7.55	pH units
GW	NP-3	9/22/1994	Chloride	195.5	mg/L
GW	NP-3	9/22/1994	Sulfate	707.1	mg/L
GW	NP-3	9/22/1994	TDS	1891	mg/L
GW	NP-3	9/22/1994	pH	7.65	pH units
GW	NP-4	9/22/1994	Chloride	36.9	mg/L
GW	NP-4	9/22/1994	Sulfate	111	mg/L
GW	NP-4	9/22/1994	TDS	547	mg/L
GW	NP-4	9/22/1994	pH	7.75	pH units
GW	NP-5	9/22/1994	Chloride	42.8	mg/L
GW	NP-5	9/22/1994	Sulfate	117.7	mg/L
GW	NP-5	9/22/1994	TDS	528	mg/L
GW	NP-5	9/22/1994	pH	7.75	pH units
GW	GWQ94-16	11/13/1994	Aluminum	<0.05	mg/L
GW	GWQ94-16	11/13/1994	Arsenic	<0.005	mg/L
GW	GWQ94-16	11/13/1994	Barium	<0.1	mg/L
GW	GWQ94-16	11/13/1994	Boron	<0.1	mg/L
GW	GWQ94-16	11/13/1994	Cadmium	<0.0005	mg/L
GW	GWQ94-16	11/13/1994	Chloride	190	mg/L
GW	GWQ94-16	11/13/1994	Chromium	<0.025	mg/L
GW	GWQ94-16	11/13/1994	Cobalt	<0.05	mg/L
GW	GWQ94-16	11/13/1994	Copper	<0.025	mg/L
GW	GWQ94-16	11/13/1994	Fluoride	0.68	mg/L
GW	GWQ94-16	11/13/1994	Iron	<0.05	mg/L
GW	GWQ94-16	11/13/1994	Lead	<0.005	mg/L
GW	GWQ94-16	11/13/1994	Manganese	0.038	mg/L
GW	GWQ94-16	11/13/1994	Mercury	<0.001	mg/L
GW	GWQ94-16	11/13/1994	Molybdenum	<0.05	mg/L
GW	GWQ94-16	11/13/1994	Nickel	<0.05	mg/L
GW	GWQ94-16	11/13/1994	Nitrate as N (NO3)	3.8	mg/L
GW	GWQ94-16	11/13/1994	Selenium	<0.005	mg/L
GW	GWQ94-16	11/13/1994	Silver	<0.025	mg/L
GW	GWQ94-16	11/13/1994	Sulfate	410	mg/L
GW	GWQ94-16	11/13/1994	TDS	1140	mg/L
GW	GWQ94-16	11/13/1994	Zinc	<0.05	mg/L
GW	GWQ94-16	11/13/1994	pH	7.55	pH units
GW	GWQ94-16	11/13/1994	Conductivity	1600	umhos/cm
GW	GWQ94-16	11/13/1994	Antimony	<0.005	mg/L
GW	GWQ94-16	11/13/1994	Beryllium	<0.002	mg/L
GW	GWQ94-16	11/13/1994	Calcium	190	mg/L
GW	GWQ94-16	11/13/1994	Magnesium	51	mg/L
GW	GWQ94-16	11/13/1994	Thallium	<0.005	mg/L
GW	GWQ94-16	11/13/1994	Sodium	78	mg/L
GW	GWQ94-16	11/13/1994	Bicarbonate	199	mg/L CaCO3
GW	GWQ94-16	11/13/1994	Carbonate	0	mg/L CaCO3
GW	GWQ94-16	11/13/1994	Potassium	3.7	mg/L
GW	GWQ94-21A	11/13/1994	Aluminum	<0.05	mg/L
GW	GWQ94-21A	11/13/1994	Arsenic	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-21A	11/13/1994	Barium	<0.1	mg/L
GW	GWQ94-21A	11/13/1994	Boron	<0.1	mg/L
GW	GWQ94-21A	11/13/1994	Cadmium	<0.0005	mg/L
GW	GWQ94-21A	11/13/1994	Chloride	18	mg/L
GW	GWQ94-21A	11/13/1994	Chromium	<0.025	mg/L
GW	GWQ94-21A	11/13/1994	Cobalt	<0.06	mg/L
GW	GWQ94-21A	11/13/1994	Copper	<0.325	mg/L
GW	GWQ94-21A	11/13/1994	Fluoride	0.57	mg/L
GW	GWQ94-21A	11/13/1994	Iron	<0.06	mg/L
GW	GWQ94-21A	11/13/1994	Lead	<0.005	mg/L
GW	GWQ94-21A	11/13/1994	Manganese	0.2	mg/L
GW	GWQ94-21A	11/13/1994	Mercury	<0.301	mg/L
GW	GWQ94-21A	11/13/1994	Molybdenum	<0.36	mg/L
GW	GWQ94-21A	11/13/1994	Nickel	<0.36	mg/L
GW	GWQ94-21A	11/13/1994	Nitrate as N (NO3)	1	mg/L
GW	GWQ94-21A	11/13/1994	Selenium	<0.006	mg/L
GW	GWQ94-21A	11/13/1994	Silver	<0.325	mg/L
GW	GWQ94-21A	11/13/1994	Sulfate	130	mg/L
GW	GWQ94-21A	11/13/1994	TDS	480	mg/L
GW	GWQ94-21A	11/13/1994	Zinc	<0.36	mg/L
GW	GWQ94-21A	11/13/1994	pH	7.25	pH units
GW	GWQ94-21A	11/13/1994	Conductivity	672	µmhos/cm
GW	GWQ94-21A	11/13/1994	Antimony	<0.306	mg/L
GW	GWQ94-21A	11/13/1994	Beryllium	<0.002	mg/L
GW	GWQ94-21A	11/13/1994	Calcium	82	mg/L
GW	GWQ94-21A	11/13/1994	Magnesium	23	mg/L
GW	GWQ94-21A	11/13/1994	Thallium	<0.006	mg/L
GW	GWQ94-21A	11/13/1994	Sodium	39	mg/L
GW	GWQ94-21A	11/13/1994	Bicarbonate	267	mg/L CaCO3
GW	GWQ94-21A	11/13/1994	Carbonate	0	mg/L CaCO3
GW	GWQ94-21A	11/13/1994	Potassium	2.1	mg/L
GW	GWQ94-21B	11/13/1994	Aluminum	<0.06	mg/L
GW	GWQ94-21B	11/13/1994	Arsenic	<0.306	mg/L
GW	GWQ94-21B	11/13/1994	Barium	<0.1	mg/L
GW	GWQ94-21B	11/13/1994	Boron	<0.1	mg/L
GW	GWQ94-21B	11/13/1994	Cadmium	<0.0005	mg/L
GW	GWQ94-21B	11/13/1994	Chloride	19	mg/L
GW	GWQ94-21B	11/13/1994	Chromium	<0.325	mg/L
GW	GWQ94-21B	11/13/1994	Cobalt	<0.06	mg/L
GW	GWQ94-21B	11/13/1994	Copper	<0.025	mg/L
GW	GWQ94-21B	11/13/1994	Fluoride	0.39	mg/L
GW	GWQ94-21B	11/13/1994	Iron	<0.06	mg/L
GW	GWQ94-21B	11/13/1994	Lead	<0.005	mg/L
GW	GWQ94-21B	11/13/1994	Manganese	0.37	mg/L
GW	GWQ94-21B	11/13/1994	Mercury	<0.001	mg/L
GW	GWQ94-21B	11/13/1994	Molybdenum	<0.36	mg/L
GW	GWQ94-21B	11/13/1994	Nickel	<0.06	mg/L
GW	GWQ94-21B	11/13/1994	Nitrate as N (NO3)	<1	mg/L
GW	GWQ94-21B	11/13/1994	Selenium	<0.006	mg/L
GW	GWQ94-21B	11/13/1994	Silver	<0.025	mg/L
GW	GWQ94-21B	11/13/1994	Sulfate	130	mg/L
GW	GWQ94-21B	11/13/1994	TDS	440	mg/L
GW	GWQ94-21B	11/13/1994	Zinc	<0.06	mg/L
GW	GWQ94-21B	11/13/1994	pH	7.57	pH units
GW	GWQ94-21B	11/13/1994	Conductivity	669	µmhos/cm
GW	GWQ94-21B	11/13/1994	Antimony	<0.306	mg/L
GW	GWQ94-21B	11/13/1994	Beryllium	<0.002	mg/L
GW	GWQ94-21B	11/13/1994	Calcium	71	mg/L
GW	GWQ94-21B	11/13/1994	Magnesium	18	mg/L
GW	GWQ94-21B	11/13/1994	Thallium	<0.006	mg/L
GW	GWQ94-21B	11/13/1994	Sodium	58	mg/L
GW	GWQ94-21B	11/13/1994	Bicarbonate	255	mg/L CaCO3
GW	GWQ94-21B	11/13/1994	Carbonate	0	mg/L CaCO3
GW	GWQ94-21B	11/13/1994	Potassium	2.6	mg/L
GW	GWQ94-15	11/14/1994	Aluminum	<0.36	mg/L
GW	GWQ94-15	11/14/1994	Arsenic	<0.006	mg/L
GW	GWQ94-15	11/14/1994	Barium	<0.1	mg/L
GW	GWQ94-15	11/14/1994	Boron	<0.1	mg/L
GW	GWQ94-15	11/14/1994	Cadmium	<0.0005	mg/L
GW	GWQ94-15	11/14/1994	Chloride	110	mg/L
GW	GWQ94-15	11/14/1994	Chromium	<0.025	mg/L
GW	GWQ94-15	11/14/1994	Cobalt	<0.06	mg/L
GW	GWQ94-15	11/14/1994	Copper	<0.325	mg/L
GW	GWQ94-15	11/14/1994	Fluoride	0.46	mg/L
GW	GWQ94-15	11/14/1994	Iron	<0.36	mg/L
GW	GWQ94-15	11/14/1994	Lead	<0.006	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-15	11/14/1994	Manganese	<0.03	mg/L
GW	GWQ94-15	11/14/1994	Mercury	<0.001	mg/L
GW	GWQ94-15	11/14/1994	Molybdenum	<0.05	mg/L
GW	GWQ94-15	11/14/1994	Nickel	<0.05	mg/L
GW	GWQ94-15	11/14/1994	Nitrate as N (NO3)	2.1	mg/L
GW	GWQ94-15	11/14/1994	Selenium	<0.005	mg/L
GW	GWQ94-15	11/14/1994	Silver	<0.025	mg/L
GW	GWQ94-15	11/14/1994	Sulfate	180	mg/L
GW	GWQ94-15	11/14/1994	TDS	790	mg/L
GW	GWQ94-15	11/14/1994	Zinc	<0.05	mg/L
GW	GWQ94-15	11/14/1994	pH	7.74	pH units
GW	GWQ94-15	11/14/1994	Conductivity	1058	µmhos/cm
GW	GWQ94-15	11/14/1994	Antimony	<0.005	mg/L
GW	GWQ94-15	11/14/1994	Beryllium	<0.002	mg/L
GW	GWQ94-15	11/14/1994	Calcium	110	mg/L
GW	GWQ94-15	11/14/1994	Magnesium	29	mg/L
GW	GWQ94-15	11/14/1994	Thallium	<0.005	mg/L
GW	GWQ94-15	11/14/1994	Sodium	68	mg/L
GW	GWQ94-15	11/14/1994	Bicarbonate	285	mg/L CaCO3
GW	GWQ94-15	11/14/1994	Carbonate	0	mg/L CaCO3
GW	GWQ94-15	11/14/1994	Potassium	2.5	mg/L
GW	GWQ94-13	11/15/1994	Aluminum	<0.05	mg/L
GW	GWQ94-13	11/15/1994	Arsenic	<0.005	mg/L
GW	GWQ94-13	11/15/1994	Barium	<0.1	mg/L
GW	GWQ94-13	11/15/1994	Boron	<0.1	mg/L
GW	GWQ94-13	11/15/1994	Cadmium	<0.0005	mg/L
GW	GWQ94-13	11/15/1994	Chloride	190	mg/L
GW	GWQ94-13	11/15/1994	Chromium	<0.025	mg/L
GW	GWQ94-13	11/15/1994	Cobalt	<0.05	mg/L
GW	GWQ94-13	11/15/1994	Copper	<0.025	mg/L
GW	GWQ94-13	11/15/1994	Fluoride	0.36	mg/L
GW	GWQ94-13	11/15/1994	Iron	0.11	mg/L
GW	GWQ94-13	11/15/1994	Lead	<0.005	mg/L
GW	GWQ94-13	11/15/1994	Manganese	<0.03	mg/L
GW	GWQ94-13	11/15/1994	Mercury	<0.001	mg/L
GW	GWQ94-13	11/15/1994	Molybdenum	<0.05	mg/L
GW	GWQ94-13	11/15/1994	Nickel	<0.05	mg/L
GW	GWQ94-13	11/15/1994	Nitrate as N (NO3)	4.6	mg/L
GW	GWQ94-13	11/15/1994	Selenium	<0.005	mg/L
GW	GWQ94-13	11/15/1994	Silver	<0.025	mg/L
GW	GWQ94-13	11/15/1994	Sulfate	720	mg/L
GW	GWQ94-13	11/15/1994	TDS	1570	mg/L
GW	GWQ94-13	11/15/1994	Zinc	<0.05	mg/L
GW	GWQ94-13	11/15/1994	pH	7.74	pH units
GW	GWQ94-13	11/15/1994	Conductivity	2026	µmhos/cm
GW	GWQ94-13	11/15/1994	Antimony	<0.005	mg/L
GW	GWQ94-13	11/15/1994	Beryllium	<0.002	mg/L
GW	GWQ94-13	11/15/1994	Calcium	270	mg/L
GW	GWQ94-13	11/15/1994	Magnesium	56	mg/L
GW	GWQ94-13	11/15/1994	Thallium	<0.005	mg/L
GW	GWQ94-13	11/15/1994	Sodium	110	mg/L
GW	GWQ94-13	11/15/1994	Bicarbonate	159	mg/L CaCO3
GW	GWQ94-13	11/15/1994	Carbonate	0	mg/L CaCO3
GW	GWQ94-13	11/15/1994	Potassium	3.9	mg/L
GW	GWQ94-17	11/15/1994	Aluminum	<0.05	mg/L
GW	GWQ94-17	11/15/1994	Arsenic	<0.005	mg/L
GW	GWQ94-17	11/15/1994	Barium	<0.1	mg/L
GW	GWQ94-17	11/15/1994	Boron	<0.1	mg/L
GW	GWQ94-17	11/15/1994	Cadmium	<0.0005	mg/L
GW	GWQ94-17	11/15/1994	Chloride	110	mg/L
GW	GWQ94-17	11/15/1994	Chromium	<0.025	mg/L
GW	GWQ94-17	11/15/1994	Cobalt	<0.05	mg/L
GW	GWQ94-17	11/15/1994	Copper	<0.025	mg/L
GW	GWQ94-17	11/15/1994	Fluoride	0.48	mg/L
GW	GWQ94-17	11/15/1994	Iron	<0.05	mg/L
GW	GWQ94-17	11/15/1994	Lead	<0.005	mg/L
GW	GWQ94-17	11/15/1994	Manganese	<0.03	mg/L
GW	GWQ94-17	11/15/1994	Mercury	<0.001	mg/L
GW	GWQ94-17	11/15/1994	Molybdenum	<0.05	mg/L
GW	GWQ94-17	11/15/1994	Nickel	<0.05	mg/L
GW	GWQ94-17	11/15/1994	Nitrate as N (NO3)	2.4	mg/L
GW	GWQ94-17	11/15/1994	Selenium	<0.005	mg/L
GW	GWQ94-17	11/15/1994	Silver	<0.025	mg/L
GW	GWQ94-17	11/15/1994	Sulfate	240	mg/L
GW	GWQ94-17	11/15/1994	TDS	820	mg/L
GW	GWQ94-17	11/15/1994	Zinc	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-17	11/15/1994	pH	7.71	pH units
GW	GWQ94-17	11/15/1994	Conductivity	1147	umhos/cm
GW	GWQ94-17	11/15/1994	Antimony	<0.005	mg/L
GW	GWQ94-17	11/15/1994	Beryllium	<0.002	mg/L
GW	GWQ94-17	11/15/1994	Calcium	120	mg/L
GW	GWQ94-17	11/15/1994	Magnesium	33	mg/L
GW	GWQ94-17	11/15/1994	Thallium	<0.005	mg/L
GW	GWQ94-17	11/15/1994	Sodium	62	mg/L
GW	GWQ94-17	11/15/1994	Bicarbonate	232	mg/L CaCO3
GW	GWQ94-17	11/15/1994	Carbonate	0	mg/L CaCO3
GW	GWQ94-17	11/15/1994	Potassium	2.4	mg/L
GW	GWQ94-2C	11/15/1994	Aluminum	<0.05	mg/L
GW	GWQ94-2C	11/15/1994	Arsenic	<0.005	mg/L
GW	GWQ94-2C	11/15/1994	Barium	<0.1	mg/L
GW	GWQ94-2C	11/15/1994	Boron	0.11	mg/L
GW	GWQ94-20	11/15/1994	Cadmium	<0.0005	mg/L
GW	GWQ94-2C	11/15/1994	Chloride	19	mg/L
GW	GWQ94-2C	11/15/1994	Chromium	<0.025	mg/L
GW	GWQ94-20	11/15/1994	Cobalt	<0.05	mg/L
GW	GWQ94-2C	11/15/1994	Copper	<0.025	mg/L
GW	GWQ94-2C	11/15/1994	Fluoride	0.36	mg/L
GW	GWQ94-20	11/15/1994	Iron	<0.05	mg/L
GW	GWQ94-2C	11/15/1994	Lead	<0.005	mg/L
GW	GWQ94-20	11/15/1994	Manganese	0.42	mg/L
GW	GWQ94-2C	11/15/1994	Mercury	<0.001	mg/L
GW	GWQ94-20	11/15/1994	Molybdenum	<0.05	mg/L
GW	GWQ94-20	11/15/1994	Nickel	<0.05	mg/L
GW	GWQ94-2C	11/15/1994	Nitrate as N (NO3)	1	mg/L
GW	GWQ94-20	11/15/1994	Selenium	<0.005	mg/L
GW	GWQ94-20	11/15/1994	Silver	<0.025	mg/L
GW	GWQ94-2C	11/15/1994	Sulfate	40	mg/L
GW	GWQ94-20	11/15/1994	TDS	370	mg/L
GW	GWQ94-2C	11/15/1994	Zinc	<0.05	mg/L
GW	GWQ94-2C	11/15/1994	pH	7.66	pH units
GW	GWQ94-2C	11/15/1994	Conductivity	588	umhos/cm
GW	GWQ94-2C	11/15/1994	Antimony	<0.005	mg/L
GW	GWQ94-20	11/15/1994	Beryllium	<0.002	mg/L
GW	GWQ94-2C	11/15/1994	Calcium	48	mg/L
GW	GWQ94-2C	11/15/1994	Magnesium	9.8	mg/L
GW	GWQ94-20	11/15/1994	Thallium	<0.005	mg/L
GW	GWQ94-2C	11/15/1994	Sodium	67	mg/L
GW	GWQ94-2C	11/15/1994	Bicarbonate	296	mg/L CaCO3
GW	GWQ94-2C	11/15/1994	Carbonate	0	mg/L CaCO3
GW	GWQ94-2C	11/15/1994	Potassium	3.2	mg/L
GW	MW-10	11/16/1994	Aluminum	<0.05	mg/L
GW	MW-10	11/16/1994	Arsenic	<0.005	mg/L
GW	MW-10	11/16/1994	Barium	<0.1	mg/L
GW	MW-10	11/16/1994	Boron	<0.1	mg/L
GW	MW-10	11/16/1994	Cadmium	<0.0005	mg/L
GW	MW-10	11/16/1994	Chloride	14	mg/L
GW	MW-10	11/16/1994	Chromium	<0.025	mg/L
GW	MW-10	11/16/1994	Cobalt	<0.05	mg/L
GW	MW-10	11/16/1994	Copper	<0.025	mg/L
GW	MW-10	11/16/1994	Fluoride	0.43	mg/L
GW	MW-10	11/16/1994	Iron	<0.05	mg/L
GW	MW-10	11/16/1994	Lead	<0.005	mg/L
GW	MW-10	11/16/1994	Manganese	<0.03	mg/L
GW	MW-10	11/16/1994	Mercury	<0.001	mg/L
GW	MW-10	11/16/1994	Molybdenum	<0.05	mg/L
GW	MW-10	11/16/1994	Nickel	<0.05	mg/L
GW	MW-10	11/16/1994	Nitrate as N (NO3)	<1	mg/L
GW	MW-10	11/16/1994	Selenium	<0.005	mg/L
GW	MW-10	11/16/1994	Silver	<0.025	mg/L
GW	MW-10	11/16/1994	Sulfate	25	mg/L
GW	MW-10	11/16/1994	TDS	310	mg/L
GW	MW-10	11/16/1994	Zinc	<0.05	mg/L
GW	MW-10	11/16/1994	pH	7.84	pH units
GW	MW-10	11/16/1994	Conductivity	473	umhos/cm
GW	MW-10	11/16/1994	Antimony	<0.005	mg/L
GW	MW-10	11/16/1994	Beryllium	<0.002	mg/L
GW	MW-10	11/16/1994	Calcium	59	mg/L
GW	MW-10	11/16/1994	Magnesium	9.4	mg/L
GW	MW-10	11/16/1994	Thallium	<0.005	mg/L
GW	MW-10	11/16/1994	Sodium	29	mg/L
GW	MW-10	11/16/1994	Bicarbonate	287	mg/L CaCO3
GW	MW-10	11/16/1994	Carbonate	0	mg/L CaCO3

GROUNDWATER ANALYSIS DATA

GW	MW-10	11/16/1994	Potassium	1.9	mg/L
GW	MW-11	11/16/1994	Aluminum	<0.35	mg/L
GW	MW-11	11/16/1994	Arsenic	<0.305	mg/L
GW	MW-11	11/16/1994	Barium	<0.1	mg/L
GW	MW-11	11/16/1994	Boron	<0.1	mg/L
GW	MW-11	11/16/1994	Cadmium	<0.0005	mg/L
GW	MW-11	11/16/1994	Chloride	15	mg/L
GW	MW-11	11/16/1994	Chromium	<0.025	mg/L
GW	MW-11	11/16/1994	Cobalt	<0.05	mg/L
GW	MW-11	11/16/1994	Copper	<0.325	mg/L
GW	MW-11	11/16/1994	Fluoride	0.45	mg/L
GW	MW-11	11/16/1994	Iron	<0.35	mg/L
GW	MW-11	11/16/1994	Lead	<0.305	mg/L
GW	MW-11	11/16/1994	Manganese	<0.33	mg/L
GW	MW-11	11/16/1994	Mercury	<0.301	mg/L
GW	MW-11	11/16/1994	Molybdenum	<0.05	mg/L
GW	MW-11	11/16/1994	Nickel	<0.35	mg/L
GW	MW-11	11/16/1994	Nitrate as N (NO3)	<1	mg/L
GW	MW-11	11/16/1994	Selenium	<0.005	mg/L
GW	MW-11	11/16/1994	Silver	<0.325	mg/L
GW	MW-11	11/16/1994	Sulfate	21	mg/L
GW	MW-11	11/16/1994	TDS	314	mg/L
GW	MW-11	11/16/1994	Zinc	<0.35	mg/L
GW	MW-11	11/16/1994	pH	7.79	pH units
GW	MW-11	11/16/1994	Conductivity	480	umhos/cm
GW	MW-11	11/16/1994	Antimony	<0.005	mg/L
GW	MW-11	11/16/1994	Beryllium	<0.002	mg/L
GW	MW-11	11/16/1994	Calcium	63	mg/L
GW	MW-11	11/16/1994	Magnesium	9.7	mg/L
GW	MW-11	11/16/1994	Thallium	<0.005	mg/L
GW	MW-11	11/16/1994	Sodium	23	mg/L
GW	MW-11	11/16/1994	Bicarbonate	283	mg/L CaCO3
GW	MW-11	11/16/1994	Carbonate	0	mg/L CaCO3
GW	MW-11	11/16/1994	Potassium	1.5	mg/L
GW	MW-9	11/16/1994	Aluminum	<0.35	mg/L
GW	MW-9	11/16/1994	Arsenic	<0.305	mg/L
GW	MW-9	11/16/1994	Barium	<0.1	mg/L
GW	MW-9	11/16/1994	Boron	<0.1	mg/L
GW	MW-9	11/16/1994	Cadmium	<0.0005	mg/L
GW	MW-9	11/16/1994	Chloride	12	mg/L
GW	MW-9	11/16/1994	Chromium	<0.325	mg/L
GW	MW-9	11/16/1994	Cobalt	<0.35	mg/L
GW	MW-9	11/16/1994	Copper	<0.325	mg/L
GW	MW-9	11/16/1994	Fluoride	1.4	mg/L
GW	MW-9	11/16/1994	Iron	<0.35	mg/L
GW	MW-9	11/16/1994	Lead	<0.305	mg/L
GW	MW-9	11/16/1994	Manganese	<0.33	mg/L
GW	MW-9	11/16/1994	Mercury	<0.301	mg/L
GW	MW-9	11/16/1994	Molybdenum	<0.35	mg/L
GW	MW-9	11/16/1994	Nickel	<0.35	mg/L
GW	MW-9	11/16/1994	Nitrate as N (NO3)	<1	mg/L
GW	MW-9	11/16/1994	Selenium	<0.305	mg/L
GW	MW-9	11/16/1994	Silver	<0.325	mg/L
GW	MW-9	11/16/1994	Sulfate	12	mg/L
GW	MW-9	11/16/1994	TDS	230	mg/L
GW	MW-9	11/16/1994	Zinc	<0.35	mg/L
GW	MW-9	11/16/1994	pH	8.05	pH units
GW	MW-9	11/16/1994	Conductivity	293	umhos/cm
GW	MW-9	11/16/1994	Antimony	<0.305	mg/L
GW	MW-9	11/16/1994	Beryllium	<0.302	mg/L
GW	MW-9	11/16/1994	Calcium	12	mg/L
GW	MW-9	11/16/1994	Magnesium	1	mg/L
GW	MW-9	11/16/1994	Thallium	<0.305	mg/L
GW	MW-9	11/16/1994	Sodium	52	mg/L
GW	MW-9	11/16/1994	Bicarbonate	149	mg/L CaCO3
GW	MW-9	11/16/1994	Carbonate	0	mg/L CaCO3
GW	MW-9	11/16/1994	Potassium	2.3	mg/L
GW	GWQ-10	1/29/1995	Chloride	87.5	mg/L
GW	GWQ-10	1/29/1995	Sulfate	65.7	mg/L
GW	GWQ-10	1/29/1995	TDS	672	mg/L
GW	GWQ-10	1/29/1995	pH	7.52	pH units
GW	GWQ-11	1/29/1995	Chloride	199.5	mg/L
GW	GWQ-11	1/29/1995	Sulfate	158.7	mg/L
GW	GWQ-11	1/29/1995	TDS	581	mg/L
GW	GWQ-11	1/29/1995	pH	7.6	pH units
GW	IW-1	1/29/1995	Chloride	663	mg/L

GROUNDWATER ANALYSIS DATA

GW	IW-1	1/29/1995	Sulfate	1478.5	mg/L
GW	IW-1	1/29/1995	TDS	3395	mg/L
GW	IW-1	1/29/1995	pH	7.15	pH units
GW	NP-1	1/29/1995	Chloride	26.2	mg/L
GW	NP-1	1/29/1995	Sulfate	125.4	mg/L
GW	NP-1	1/29/1995	TDS	407	mg/L
GW	NP-1	1/29/1995	pH	7.94	pH units
GW	NP-2	1/29/1995	Chloride	94.1	mg/L
GW	NP-2	1/29/1995	Sulfate	120.9	mg/L
GW	NP-2	1/29/1995	TDS	791	mg/L
GW	NP-2	1/29/1995	pH	7.57	pH units
GW	NP-3	1/29/1995	Chloride	588.4	mg/L
GW	NP-3	1/29/1995	Sulfate	651.9	mg/L
GW	NP-3	1/29/1995	TDS	1823	mg/L
GW	NP-3	1/29/1995	pH	7.45	pH units
GW	NP-4	1/29/1995	Chloride	34.5	mg/L
GW	NP-4	1/29/1995	Sulfate	110.7	mg/L
GW	NP-4	1/29/1995	TDS	447	mg/L
GW	NP-4	1/29/1995	pH	7.88	pH units
GW	NP-5	1/29/1995	Chloride	43.5	mg/L
GW	NP-5	1/29/1995	Sulfate	101.2	mg/L
GW	NP-5	1/29/1995	TDS	490	mg/L
GW	NP-5	1/29/1995	pH	7.99	pH units
GW	GWQ-10	3/29/1995	Chloride	84.9	mg/L
GW	GWQ-10	3/29/1995	Sulfate	176	mg/L
GW	GWQ-10	3/29/1995	TDS	62	mg/L
GW	GWQ-10	3/29/1995	TDS	622	mg/L
GW	GWQ-10	3/29/1995	pH	7.67	pH units
GW	GWQ-11	3/29/1995	Chloride	99.4	mg/L
GW	GWQ-11	3/29/1995	Sulfate	138.9	mg/L
GW	GWQ-11	3/29/1995	TDS	793	mg/L
GW	GWQ-11	3/29/1995	pH	7.98	pH units
GW	IW-1	3/29/1995	Chloride	419.4	mg/L
GW	IW-1	3/29/1995	Sulfate	1350.7	mg/L
GW	IW-1	3/29/1995	TDS	3485	mg/L
GW	IW-1	3/29/1995	pH	7.49	pH units
GW	NP-1	3/29/1995	Chloride	23.5	mg/L
GW	NP-1	3/29/1995	Sulfate	86.2	mg/L
GW	NP-1	3/29/1995	TDS	392	mg/L
GW	NP-1	3/29/1995	pH	7.98	pH units
GW	NP-2	3/29/1995	Chloride	90.7	mg/L
GW	NP-2	3/29/1995	Sulfate	228.7	mg/L
GW	NP-2	3/29/1995	TDS	1184	mg/L
GW	NP-2	3/29/1995	pH	7.69	pH units
GW	NP-3	3/29/1995	Chloride	165.5	mg/L
GW	NP-3	3/29/1995	Sulfate	556	mg/L
GW	NP-3	3/29/1995	TDS	1639	mg/L
GW	NP-3	3/29/1995	pH	7.48	pH units
GW	NP-4	3/29/1995	Chloride	33.8	mg/L
GW	NP-4	3/29/1995	Sulfate	121.7	mg/L
GW	NP-4	3/29/1995	TDS	494	mg/L
GW	NP-4	3/29/1995	pH	7.86	pH units
GW	NP-5	3/29/1995	Chloride	42.4	mg/L
GW	NP-5	3/29/1995	Sulfate	130.8	mg/L
GW	NP-5	3/29/1995	TDS	449	mg/L
GW	NP-5	3/29/1995	pH	7.94	pH units
GW	GWQ-10	6/27/1995	Chloride	84.8	mg/L
GW	GWQ-10	6/27/1995	Sulfate	168.7	mg/L
GW	GWQ-10	6/27/1995	TDS	677	mg/L
GW	GWQ-10	6/27/1995	pH	7.29	pH units
GW	GWQ-11	6/27/1995	Chloride	101.7	mg/L
GW	GWQ-11	6/27/1995	Sulfate	278.6	mg/L
GW	GWQ-11	6/27/1995	TDS	835	mg/L
GW	GWQ-11	6/27/1995	pH	7.67	pH units
GW	IW-1	6/27/1995	Chloride	446.1	mg/L
GW	IW-1	6/27/1995	Sulfate	1660.1	mg/L
GW	IW-1	6/27/1995	TDS	3589	mg/L
GW	IW-1	6/27/1995	pH	6.99	pH units
GW	NP-1	6/27/1995	Chloride	24.1	mg/L
GW	NP-1	6/27/1995	Sulfate	113.7	mg/L
GW	NP-1	6/27/1995	TDS	385	mg/L
GW	NP-1	6/27/1995	pH	8.02	pH units
GW	NP-2	6/27/1995	Chloride	95.9	mg/L
GW	NP-2	6/27/1995	Sulfate	247.1	mg/L
GW	NP-2	6/27/1995	TDS	776	mg/L
GW	NP-2	6/27/1995	pH	7.95	pH units

GROUNDWATER ANALYSIS DATA

GW	NP-3	6/27/1995	Chloride	202.1	mg/L
GW	NP-3	6/27/1995	Sulfate	717	mg/L
GW	NP-3	6/27/1995	TDS	1607	mg/L
GW	NP-3	6/27/1995	pH	7.38	pH units
GW	NP-4	6/27/1995	Chloride	33.2	mg/L
GW	NP-4	6/27/1995	Sulfate	134.1	mg/L
GW	NP-4	6/27/1995	TDS	487	mg/L
GW	NP-4	6/27/1995	pH	7.37	pH units
GW	NP-5	6/27/1995	Chloride	43.4	mg/L
GW	NP-5	6/27/1995	Sulfate	119.4	mg/L
GW	NP-5	6/27/1995	TDS	525	mg/L
GW	NP-5	6/27/1995	pH	7.64	pH units
GW	GWQ-1C	9/21/1995	Chloride	91.5	mg/L
GW	GWQ-1C	9/21/1995	Sulfate	167.4	mg/L
GW	GWQ-1C	9/21/1995	TDS	683	mg/L
GW	GWQ-10	9/21/1995	pH	7.42	pH units
GW	GWQ-11	9/21/1995	Chloride	112.1	mg/L
GW	GWQ-11	9/21/1995	Sulfate	289.5	mg/L
GW	GWQ-11	9/21/1995	TDS	885	mg/L
GW	GWQ-11	9/21/1995	pH	7.56	pH units
GW	IW-1	9/21/1995	Chloride	458.7	mg/L
GW	IW-1	9/21/1995	Sulfate	1710.8	mg/L
GW	IW-1	9/21/1995	TDS	34.67	mg/L
GW	IW-1	9/21/1995	pH	6.82	pH units
GW	NP-1	9/21/1995	Chloride	27.2	mg/L
GW	NP-1	9/21/1995	Sulfate	145	mg/L
GW	NP-1	9/21/1995	TDS	373	mg/L
GW	NP-1	9/21/1995	pH	7.96	pH units
GW	NP-2	9/21/1995	Chloride	86.6	mg/L
GW	NP-2	9/21/1995	Sulfate	211.6	mg/L
GW	NP-2	9/21/1995	TDS	722	mg/L
GW	NP-2	9/21/1995	pH	7.38	pH units
GW	NP-3	9/21/1995	Chloride	206.4	mg/L
GW	NP-3	9/21/1995	Sulfate	822	mg/L
GW	NP-3	9/21/1995	TDS	1557	mg/L
GW	NP-3	9/21/1995	pH	7.5	pH units
GW	NP-4	9/21/1995	Chloride	35.5	mg/L
GW	NP-4	9/21/1995	Sulfate	132.1	mg/L
GW	NP-4	9/21/1995	TDS	509	mg/L
GW	NP-4	9/21/1995	pH	7.51	pH units
GW	NP-5	9/21/1995	Chloride	44.5	mg/L
GW	NP-5	9/21/1995	Sulfate	134.6	mg/L
GW	NP-5	9/21/1995	TDS	483	mg/L
GW	NP-5	9/21/1995	pH	7.71	pH units
GW	GWQ-10	1/10/1996	Chloride	97.7	mg/L
GW	GWQ-1C	1/10/1996	Sulfate	197.5	mg/L
GW	GWQ-10	1/10/1996	TDS	654	mg/L
GW	GWQ-10	1/10/1996	pH	7.29	pH units
GW	GWQ-11	1/10/1996	Chloride	120.8	mg/L
GW	GWQ-11	1/10/1996	Sulfate	287.5	mg/L
GW	GWQ-11	1/10/1996	TDS	777	mg/L
GW	GWQ-11	1/10/1996	pH	7.36	pH units
GW	IW-1	1/10/1996	Chloride	442.2	mg/L
GW	IW-1	1/10/1996	Sulfate	1585.5	mg/L
GW	IW-1	1/10/1996	TDS	3437	mg/L
GW	IW-1	1/10/1996	pH	7.23	pH units
GW	NP-1	1/10/1996	Chloride	26.1	mg/L
GW	NP-1	1/10/1996	Sulfate	109.4	mg/L
GW	NP-1	1/10/1996	TDS	277	mg/L
GW	NP-1	1/10/1996	pH	7.75	pH units
GW	NP-2	1/10/1996	Chloride	78.6	mg/L
GW	NP-2	1/10/1996	Sulfate	173.1	mg/L
GW	NP-2	1/10/1996	TDS	632	mg/L
GW	NP-2	1/10/1996	pH	7.1	pH units
GW	NP-3	1/10/1996	Chloride	208.5	mg/L
GW	NP-3	1/10/1996	Sulfate	724.1	mg/L
GW	NP-3	1/10/1996	TDS	1464	mg/L
GW	NP-3	1/10/1996	pH	7.32	pH units
GW	NP-4	1/10/1996	Chloride	34.7	mg/L
GW	NP-4	1/10/1996	Sulfate	123.1	mg/L
GW	NP-4	1/10/1996	TDS	483	mg/L
GW	NP-4	1/10/1996	pH	7.35	pH units
GW	NP-5	1/10/1996	Chloride	41.6	mg/L
GW	NP-5	1/10/1996	Sulfate	136.6	mg/L
GW	NP-5	1/10/1996	TDS	406	mg/L
GW	NP-5	1/10/1996	pH	8.04	pH units

GROUNDWATER ANALYSIS DATA

GW	GWQ-10	4/3/1996	Chloride	97.4	mg/L
GW	GWQ-10	4/3/1996	Sulfate	218.2	mg/L
GW	GWQ-10	4/3/1996	TDS	628	mg/L
GW	GWQ-10	4/3/1996	pH	6.95	pH units
GW	GWQ-11	4/3/1996	Chloride	119.2	mg/L
GW	GWQ-11	4/3/1996	Sulfate	276.5	mg/L
GW	GWQ-11	4/3/1996	TDS	767	mg/L
GW	GWQ-11	4/3/1996	pH	7.38	pH units
GW	IW-3	4/3/1996	Chloride	432.6	mg/L
GW	IW-3	4/3/1996	Sulfate	1566.3	mg/L
GW	IW-3	4/3/1996	TDS	3384	mg/L
GW	IW-3	4/3/1996	pH	7.04	pH units
GW	NP-1	4/3/1996	Chloride	25.7	mg/L
GW	NP-1	4/3/1996	Sulfate	123.3	mg/L
GW	NP-1	4/3/1996	TDS	300	mg/L
GW	NP-1	4/3/1996	pH	7.89	pH units
GW	NP-2	4/3/1996	Chloride	78.6	mg/L
GW	NP-2	4/3/1996	Sulfate	168.7	mg/L
GW	NP-2	4/3/1996	TDS	603	mg/L
GW	NP-2	4/3/1996	pH	7.23	pH units
GW	NP-3	4/3/1996	Chloride	208.3	mg/L
GW	NP-3	4/3/1996	Sulfate	722.6	mg/L
GW	NP-3	4/3/1996	TDS	1415	mg/L
GW	NP-3	4/3/1996	pH	7.29	pH units
GW	NP-4	4/3/1996	Chloride	26	mg/L
GW	NP-4	4/3/1996	Sulfate	123.3	mg/L
GW	NP-4	4/3/1996	TDS	475	mg/L
GW	NP-4	4/3/1996	pH	7.19	pH units
GW	NP-5	4/3/1996	Chloride	31.6	mg/L
GW	NP-5	4/3/1996	Sulfate	130	mg/L
GW	NP-5	4/3/1996	TDS	405	mg/L
GW	NP-5	4/3/1996	pH	7.67	pH units
GW	GWQ94-14	6/30/1996	Aluminum	<0.325	mg/L
GW	GWQ94-14	6/30/1996	Arsenic	<0.305	mg/L
GW	GWQ94-14	6/30/1996	Barium	<0.35	mg/L
GW	GWQ94-14	6/30/1996	Boron	<0.35	mg/L
GW	GWQ94-14	6/30/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-14	6/30/1996	Chloride	26	mg/L
GW	GWQ94-14	6/30/1996	Chromium	<0.325	mg/L
GW	GWQ94-14	6/30/1996	Cobalt	<0.05	mg/L
GW	GWQ94-14	6/30/1996	Copper	<0.325	mg/L
GW	GWQ94-14	6/30/1996	Fluoride	0.45	mg/L
GW	GWQ94-14	6/30/1996	Iron	<0.35	mg/L
GW	GWQ94-14	6/30/1996	Lead	<0.305	mg/L
GW	GWQ94-14	6/30/1996	Manganese	<0.03	mg/L
GW	GWQ94-14	6/30/1996	Mercury	<0.301	mg/L
GW	GWQ94-14	6/30/1996	Molybdenum	<0.05	mg/L
GW	GWQ94-14	6/30/1996	Nickel	<0.05	mg/L
GW	GWQ94-14	6/30/1996	Nitrate as N (NO3)	1.5	mg/L
GW	GWQ94-14	6/30/1996	Selenium	<0.005	mg/L
GW	GWQ94-14	6/30/1996	Silver	<0.05	mg/L
GW	GWQ94-14	6/30/1996	Sulfate	140	mg/L
GW	GWQ94-14	6/30/1996	TDS	620	mg/L
GW	GWQ94-14	6/30/1996	Zinc	<0.35	mg/L
GW	GWQ94-14	6/30/1996	pH	8.44	pH units
GW	GWQ94-14	6/30/1996	Conductivity	641	umhos/cm
GW	GWQ94-14	6/30/1996	Antimony	<0.302	mg/L
GW	GWQ94-14	6/30/1996	Beryllium	<0.002	mg/L
GW	GWQ94-14	6/30/1996	Calcium	87	mg/L
GW	GWQ94-14	6/30/1996	Magnesium	23	mg/L
GW	GWQ94-14	6/30/1996	Thallium	<0.001	mg/L
GW	GWQ94-14	6/30/1996	Sodium	51	mg/L
GW	GWQ94-14	6/30/1996	Bicarbonate	261	mg/L CaCO3
GW	GWQ94-14	6/30/1996	Carbonate	5	mg/L CaCO3
GW	GWQ94-14	6/30/1996	Potassium	1.9	mg/L
GW	GWQ94-17	6/30/1996	Aluminum	<0.025	mg/L
GW	GWQ94-17	6/30/1996	Arsenic	<0.305	mg/L
GW	GWQ94-17	6/30/1996	Barium	<0.05	mg/L
GW	GWQ94-17	6/30/1996	Boron	<0.05	mg/L
GW	GWQ94-17	6/30/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-17	6/30/1996	Chloride	81	mg/L
GW	GWQ94-17	6/30/1996	Chromium	<0.025	mg/L
GW	GWQ94-17	6/30/1996	Cobalt	<0.05	mg/L
GW	GWQ94-17	6/30/1996	Copper	<0.025	mg/L
GW	GWQ94-17	6/30/1996	Fluoride	0.46	mg/L
GW	GWQ94-17	6/30/1996	Iron	0.062	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-17	8/30/1996	Lead	<0.005	mg/L
GW	GWQ94-17	8/30/1996	Manganese	<0.33	mg/L
GW	GWQ94-17	8/30/1996	Mercury	<0.301	mg/L
GW	GWQ94-17	8/30/1996	Molybdenum	<0.35	mg/L
GW	GWQ94-17	8/30/1996	Nickel	<0.05	mg/L
GW	GWQ94-17	8/30/1996	Nitrate as N (NO3)	2	mg/L
GW	GWQ94-17	8/30/1996	Selenium	<0.305	mg/L
GW	GWQ94-17	8/30/1996	Silver	<0.05	mg/L
GW	GWQ94-17	8/30/1996	Sulfate	190	mg/L
GW	GWQ94-17	8/30/1996	TDS	890	mg/L
GW	GWQ94-17	8/30/1996	Zinc	<0.05	mg/L
GW	GWQ94-17	8/30/1996	pH	9.58	pH units
GW	GWQ94-17	8/30/1996	Conductivity	925	umhos/cm
GW	GWQ94-17	8/30/1996	Antimony	<0.302	mg/L
GW	GWQ94-17	8/30/1996	Beryllium	<0.302	mg/L
GW	GWQ94-17	8/30/1996	Calcium	120	mg/L
GW	GWQ94-17	8/30/1996	Magnesium	28	mg/L
GW	GWQ94-17	8/30/1996	Thallium	<0.301	mg/L
GW	GWQ94-17	8/30/1996	Sodium	61	mg/L
GW	GWQ94-17	8/30/1996	Bicarbonate	227	mg/L CaCO3
GW	GWQ94-17	8/30/1996	Carbonate	7	mg/L CaCO3
GW	GWQ94-17	8/30/1996	Potassium	2	mg/L
GW	GWQ94-2C	8/30/1996	Aluminum	<0.325	mg/L
GW	GWQ94-2C	8/30/1996	Arsenic	<0.005	mg/L
GW	GWQ94-2C	8/30/1996	Barium	0.12	mg/L
GW	GWQ94-2C	8/30/1996	Boron	0.056	mg/L
GW	GWQ94-2C	8/30/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-2C	8/30/1996	Chloride	21	mg/L
GW	GWQ94-2C	8/30/1996	Chromium	<0.025	mg/L
GW	GWQ94-2C	8/30/1996	Cobalt	<0.05	mg/L
GW	GWQ94-2C	8/30/1996	Copper	<0.325	mg/L
GW	GWQ94-2C	8/30/1996	Fluoride	0.29	mg/L
GW	GWQ94-2C	8/30/1996	Iron	<0.35	mg/L
GW	GWQ94-2C	8/30/1996	Lead	<0.305	mg/L
GW	GWQ94-2C	8/30/1996	Manganese	<0.33	mg/L
GW	GWQ94-2C	8/30/1996	Mercury	<0.301	mg/L
GW	GWQ94-2C	8/30/1996	Molybdenum	<0.05	mg/L
GW	GWQ94-2C	8/30/1996	Nickel	<0.35	mg/L
GW	GWQ94-2C	8/30/1996	Nitrate as N (NO3)	<1	mg/L
GW	GWQ94-2C	8/30/1996	Selenium	<0.005	mg/L
GW	GWQ94-2C	8/30/1996	Silver	<0.35	mg/L
GW	GWQ94-2C	8/30/1996	Sulfate	55	mg/L
GW	GWQ94-2C	8/30/1996	TDS	390	mg/L
GW	GWQ94-2C	8/30/1996	Zinc	<0.35	mg/L
GW	GWQ94-2C	8/30/1996	pH	8.79	pH units
GW	GWQ94-2C	8/30/1996	Conductivity	597	umhos/cm
GW	GWQ94-2C	8/30/1996	Antimony	<0.002	mg/L
GW	GWQ94-2C	8/30/1996	Beryllium	<0.002	mg/L
GW	GWQ94-2C	8/30/1996	Calcium	58	mg/L
GW	GWQ94-2C	8/30/1996	Magnesium	10	mg/L
GW	GWQ94-2C	8/30/1996	Thallium	<0.001	mg/L
GW	GWQ94-2C	8/30/1996	Sodium	75	mg/L
GW	GWQ94-2C	8/30/1996	Bicarbonate	273	mg/L CaCO3
GW	GWQ94-2C	8/30/1996	Carbonate	19	mg/L CaCO3
GW	GWQ94-2C	8/30/1996	Potassium	3.1	mg/L
GW	GWQ94-21A	8/30/1996	Aluminum	<0.325	mg/L
GW	GWQ94-21A	8/30/1996	Arsenic	<0.305	mg/L
GW	GWQ94-21A	8/30/1996	Barium	<0.05	mg/L
GW	GWQ94-21A	8/30/1996	Boron	<0.35	mg/L
GW	GWQ94-21A	8/30/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-21A	8/30/1996	Chloride	18	mg/L
GW	GWQ94-21A	8/30/1996	Chromium	<0.325	mg/L
GW	GWQ94-21A	8/30/1996	Cobalt	<0.35	mg/L
GW	GWQ94-21A	8/30/1996	Copper	<0.325	mg/L
GW	GWQ94-21A	8/30/1996	Fluoride	0.51	mg/L
GW	GWQ94-21A	8/30/1996	Iron	<0.05	mg/L
GW	GWQ94-21A	8/30/1996	Lead	<0.305	mg/L
GW	GWQ94-21A	8/30/1996	Manganese	<0.33	mg/L
GW	GWQ94-21A	8/30/1996	Mercury	<0.001	mg/L
GW	GWQ94-21A	8/30/1996	Molybdenum	<0.35	mg/L
GW	GWQ94-21A	8/30/1996	Nickel	<0.05	mg/L
GW	GWQ94-21A	8/30/1996	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ94-21A	8/30/1996	Selenium	<0.305	mg/L
GW	GWQ94-21A	8/30/1996	Silver	<0.05	mg/L
GW	GWQ94-21A	8/30/1996	Sulfate	120	mg/L
GW	GWQ94-21A	8/30/1996	TDS	470	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-21A	8/30/1996	Zinc	<0.05	mg/L
GW	GWQ94-21A	8/30/1996	pH	8.22	pH units
GW	GWQ94-21A	8/30/1996	Conductivity	649	umhos/cm
GW	GWQ94-21A	8/30/1996	Antimony	<0.002	mg/L
GW	GWQ94-21A	8/30/1996	Beryllium	<0.002	mg/L
GW	GWQ94-21A	8/30/1996	Calcium	86	mg/L
GW	GWQ94-21A	8/30/1996	Magnesium	22	mg/L
GW	GWQ94-21A	8/30/1996	Thallium	<0.001	mg/L
GW	GWQ94-21A	8/30/1996	Sodium	37	mg/L
GW	GWQ94-21A	8/30/1996	Bicarbonate	268	mg/L CaCO3
GW	GWQ94-21A	8/30/1996	Carbonate	0	mg/L CaCO3
GW	GWQ94-21A	8/30/1996	Potassium	1.5	mg/L
GW	GWQ94-21B	8/30/1996	Aluminum	<0.025	mg/L
GW	GWQ94-21B	8/30/1996	Arsenic	<0.005	mg/L
GW	GWQ94-21B	8/30/1996	Barium	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	Boron	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-21B	8/30/1996	Chloride	17	mg/L
GW	GWQ94-21B	8/30/1996	Chromium	<0.025	mg/L
GW	GWQ94-21B	8/30/1996	Cobalt	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	Copper	<0.025	mg/L
GW	GWQ94-21B	8/30/1996	Fluoride	0.62	mg/L
GW	GWQ94-21B	8/30/1996	Iron	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	Lead	<0.005	mg/L
GW	GWQ94-21B	8/30/1996	Manganese	<0.03	mg/L
GW	GWQ94-21B	8/30/1996	Mercury	<0.001	mg/L
GW	GWQ94-21B	8/30/1996	Molybdenum	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	Nickel	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	Nitrate as N (NO3)	1.1	mg/L
GW	GWQ94-21B	8/30/1996	Selenium	<0.005	mg/L
GW	GWQ94-21B	8/30/1996	Silver	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	Sulfate	120	mg/L
GW	GWQ94-21B	8/30/1996	TDS	470	mg/L
GW	GWQ94-21B	8/30/1996	Zinc	<0.05	mg/L
GW	GWQ94-21B	8/30/1996	pH	9.6	pH units
GW	GWQ94-21B	8/30/1996	Conductivity	648	umhos/cm
GW	GWQ94-21B	8/30/1996	Antimony	<0.002	mg/L
GW	GWQ94-21B	8/30/1996	Beryllium	<0.002	mg/L
GW	GWQ94-21B	8/30/1996	Calcium	87	mg/L
GW	GWQ94-21B	8/30/1996	Magnesium	22	mg/L
GW	GWQ94-21B	8/30/1996	Thallium	<0.001	mg/L
GW	GWQ94-21B	8/30/1996	Sodium	40	mg/L
GW	GWQ94-21B	8/30/1996	Bicarbonate	268	mg/L CaCO3
GW	GWQ94-21B	8/30/1996	Carbonate	10	mg/L CaCO3
GW	GWQ94-21B	8/30/1996	Potassium	1.7	mg/L
GW	GWQ94-13	7/1/1996	Aluminum	<0.025	mg/L
GW	GWQ94-13	7/1/1996	Arsenic	<0.005	mg/L
GW	GWQ94-13	7/1/1996	Barium	<0.05	mg/L
GW	GWQ94-13	7/1/1996	Boron	<0.05	mg/L
GW	GWQ94-13	7/1/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-13	7/1/1996	Chloride	200	mg/L
GW	GWQ94-13	7/1/1996	Chromium	<0.025	mg/L
GW	GWQ94-13	7/1/1996	Cobalt	<0.05	mg/L
GW	GWQ94-13	7/1/1996	Copper	<0.025	mg/L
GW	GWQ94-13	7/1/1996	Fluoride	0.34	mg/L
GW	GWQ94-13	7/1/1996	Iron	<0.05	mg/L
GW	GWQ94-13	7/1/1996	Lead	<0.005	mg/L
GW	GWQ94-13	7/1/1996	Manganese	<0.03	mg/L
GW	GWQ94-13	7/1/1996	Mercury	<0.001	mg/L
GW	GWQ94-13	7/1/1996	Molybdenum	<0.05	mg/L
GW	GWQ94-13	7/1/1996	Nickel	<0.05	mg/L
GW	GWQ94-13	7/1/1996	Nitrate as N (NO3)	5.2	mg/L
GW	GWQ94-13	7/1/1996	Selenium	0.0068	mg/L
GW	GWQ94-13	7/1/1996	Silver	<0.05	mg/L
GW	GWQ94-13	7/1/1996	Sulfate	620	mg/L
GW	GWQ94-13	7/1/1996	TDS	1520	mg/L
GW	GWQ94-13	7/1/1996	Zinc	<0.05	mg/L
GW	GWQ94-13	7/1/1996	pH	7.76	pH units
GW	GWQ94-13	7/1/1996	Conductivity	2000	umhos/cm
GW	GWQ94-13	7/1/1996	Antimony	<0.002	mg/L
GW	GWQ94-13	7/1/1996	Beryllium	<0.002	mg/L
GW	GWQ94-13	7/1/1996	Calcium	290	mg/L
GW	GWQ94-13	7/1/1996	Magnesium	62	mg/L
GW	GWQ94-13	7/1/1996	Thallium	<0.001	mg/L
GW	GWQ94-13	7/1/1996	Sodium	120	mg/L
GW	GWQ94-13	7/1/1996	Bicarbonate	156	mg/L CaCO3

GROUNDWATER ANALYSIS DATA

GW	GWQ94-13	7/1/1996	Carbonate	0	mg/L CaCO3
GW	GWQ94-13	7/1/1996	Potassium	3.6	mg/L
GW	GWQ94-15	7/1/1996	Alum num	<0.025	mg/L
GW	GWQ94-15	7/1/1996	Arsenic	<0.005	mg/L
GW	GWQ94-15	7/1/1996	Barium	<0.05	mg/L
GW	GWQ94-15	7/1/1996	Boron	<0.05	mg/L
GW	GWQ94-15	7/1/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-15	7/1/1996	Chloride	130	mg/L
GW	GWQ94-15	7/1/1996	Chromium	<0.025	mg/L
GW	GWQ94-15	7/1/1996	Cobalt	<0.05	mg/L
GW	GWQ94-15	7/1/1996	Copper	<0.025	mg/L
GW	GWQ94-15	7/1/1996	Fluoride	0.42	mg/L
GW	GWQ94-15	7/1/1996	Iron	0.41	mg/L
GW	GWQ94-15	7/1/1996	Lead	<0.005	mg/L
GW	GWQ94-15	7/1/1996	Manganese	<0.03	mg/L
GW	GWQ94-15	7/1/1996	Mercury	<0.001	mg/L
GW	GWQ94-15	7/1/1996	Molybdenum	<0.05	mg/L
GW	GWQ94-15	7/1/1996	Nickel	<0.05	mg/L
GW	GWQ94-15	7/1/1996	Nitrate as N (NO3)	2.5	mg/L
GW	GWQ94-15	7/1/1996	Selenium	<0.005	mg/L
GW	GWQ94-15	7/1/1996	Silver	<0.05	mg/L
GW	GWQ94-15	7/1/1996	Sulfate	240	mg/L
GW	GWQ94-15	7/1/1996	TDS	780	mg/L
GW	GWQ94-15	7/1/1996	Zinc	<0.05	mg/L
GW	GWQ94-15	7/1/1996	pH	7.31	pH units
GW	GWQ94-15	7/1/1996	Conductivity	1190	umhos/cm
GW	GWQ94-15	7/1/1996	Antimony	<0.002	mg/L
GW	GWQ94-15	7/1/1996	Beryllium	<0.002	mg/L
GW	GWQ94-15	7/1/1996	Calcium	140	mg/L
GW	GWQ94-15	7/1/1996	Magnesium	38	mg/L
GW	GWQ94-15	7/1/1996	Thallium	<0.001	mg/L
GW	GWQ94-15	7/1/1996	Sodium	17	mg/L
GW	GWQ94-15	7/1/1996	Bicarbonate	227	mg/L CaCO3
GW	GWQ94-15	7/1/1996	Carbonate	0	mg/L CaCO3
GW	GWQ94-15	7/1/1996	Potassium	2.4	mg/L
GW	GWQ94-16	7/1/1996	Alum num	<0.025	mg/L
GW	GWQ94-16	7/1/1996	Arsenic	<0.005	mg/L
GW	GWQ94-16	7/1/1996	Barium	<0.05	mg/L
GW	GWQ94-16	7/1/1996	Boron	<0.05	mg/L
GW	GWQ94-16	7/1/1996	Cadmium	<0.0005	mg/L
GW	GWQ94-16	7/1/1996	Chloride	200	mg/L
GW	GWQ94-16	7/1/1996	Chromium	<0.025	mg/L
GW	GWQ94-16	7/1/1996	Cobalt	<0.05	mg/L
GW	GWQ94-16	7/1/1996	Copper	<0.025	mg/L
GW	GWQ94-16	7/1/1996	Fluoride	0.57	mg/L
GW	GWQ94-16	7/1/1996	Iron	0.22	mg/L
GW	GWQ94-16	7/1/1996	Lead	<0.005	mg/L
GW	GWQ94-16	7/1/1996	Manganese	<0.03	mg/L
GW	GWQ94-16	7/1/1996	Mercury	<0.001	mg/L
GW	GWQ94-16	7/1/1996	Molybdenum	<0.05	mg/L
GW	GWQ94-16	7/1/1996	Nickel	<0.05	mg/L
GW	GWQ94-16	7/1/1996	Nitrate as N (NO3)	3.7	mg/L
GW	GWQ94-16	7/1/1996	Selenium	<0.005	mg/L
GW	GWQ94-16	7/1/1996	Silver	<0.05	mg/L
GW	GWQ94-16	7/1/1996	Sulfate	500	mg/L
GW	GWQ94-16	7/1/1996	TDS	1160	mg/L
GW	GWQ94-16	7/1/1996	Zinc	<0.05	mg/L
GW	GWQ94-16	7/1/1996	pH	7.95	pH units
GW	GWQ94-16	7/1/1996	Conductivity	1620	umhos/cm
GW	GWQ94-16	7/1/1996	Antimony	<0.002	mg/L
GW	GWQ94-16	7/1/1996	Beryllium	<0.002	mg/L
GW	GWQ94-16	7/1/1996	Calcium	200	mg/L
GW	GWQ94-16	7/1/1996	Magnesium	54	mg/L
GW	GWQ94-16	7/1/1996	Thallium	<0.001	mg/L
GW	GWQ94-16	7/1/1996	Sodium	80	mg/L
GW	GWQ94-16	7/1/1996	Bicarbonate	193	mg/L CaCO3
GW	GWQ94-16	7/1/1996	Carbonate	0	mg/L CaCO3
GW	GWQ94-16	7/1/1996	Potassium	3.4	mg/L
GW	GWQ96-22A	7/13/1996	Alum num	<0.025	mg/L
GW	GWQ96-22A	7/13/1996	Arsenic	<0.005	mg/L
GW	GWQ96-22A	7/13/1996	Barium	<0.05	mg/L
GW	GWQ96-22A	7/13/1996	Boron	<0.05	mg/L
GW	GWQ96-22A	7/13/1996	Cadmium	<0.0005	mg/L
GW	GWQ96-22A	7/13/1996	Chloride	99	mg/L
GW	GWQ96-22A	7/13/1996	Chromium	<0.025	mg/L
GW	GWQ96-22A	7/13/1996	Cobalt	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-22A	7/13/1996	Copper	<0.025	mg/L
GW	GWQ96-22A	7/13/1996	Fluoride	3.3	mg/L
GW	GWQ96-22A	7/13/1996	Iron	<0.35	mg/L
GW	GWQ96-22A	7/13/1996	Lead	<0.305	mg/L
GW	GWQ96-22A	7/13/1996	Manganese	0.075	mg/L
GW	GWQ96-22A	7/13/1996	Mercury	<0.001	mg/L
GW	GWQ96-22A	7/13/1996	Molybdenum	<0.35	mg/L
GW	GWQ96-22A	7/13/1996	Nickel	<0.05	mg/L
GW	GWQ96-22A	7/13/1996	Nitrate as N (NO3)	<1	mg/L
GW	GWQ96-22A	7/13/1996	Selenium	<0.305	mg/L
GW	GWQ96-22A	7/13/1996	Silver	<0.05	mg/L
GW	GWQ96-22A	7/13/1996	Sulfate	250	mg/L
GW	GWQ96-22A	7/13/1996	TDS	700	mg/L
GW	GWQ96-22A	7/13/1996	Zinc	<0.35	mg/L
GW	GWQ96-22A	7/13/1996	pH	7.5	pH units
GW	GWQ96-22A	7/13/1996	Conductivity	1040	umhos/cm
GW	GWQ96-22A	7/13/1996	Antimony	<0.303	mg/L
GW	GWQ96-22A	7/13/1996	Beryllium	<0.302	mg/L
GW	GWQ96-22A	7/13/1996	Calcium	71	mg/L
GW	GWQ96-22A	7/13/1996	Magnesium	6.7	mg/L
GW	GWQ96-22A	7/13/1996	Thallium	<0.301	mg/L
GW	GWQ96-22A	7/13/1996	Sodium	150	mg/L
GW	GWQ96-22A	7/13/1996	Bicarbonate	124	mg/L CaCO3
GW	GWQ96-22A	7/13/1996	Carbonate	0	mg/L CaCO3
GW	GWQ96-22A	7/13/1996	Potassium	2.5	mg/L
GW	GWQ96-22B	7/13/1996	Aluminum	<0.025	mg/L
GW	GWQ96-22B	7/13/1996	Arsenic	<0.005	mg/L
GW	GWQ96-22B	7/13/1996	Barium	0.086	mg/L
GW	GWQ96-22B	7/13/1996	Boron	0.12	mg/L
GW	GWQ96-22B	7/13/1996	Cadmium	<0.0005	mg/L
GW	GWQ96-22B	7/13/1996	Chloride	210	mg/L
GW	GWQ96-22B	7/13/1996	Chromium	<0.025	mg/L
GW	GWQ96-22B	7/13/1996	Cobalt	<0.35	mg/L
GW	GWQ96-22B	7/13/1996	Copper	<0.325	mg/L
GW	GWQ96-22B	7/13/1996	Fluoride	1.8	mg/L
GW	GWQ96-22B	7/13/1996	Iron	<0.35	mg/L
GW	GWQ96-22B	7/13/1996	Lead	<0.005	mg/L
GW	GWQ96-22B	7/13/1996	Manganese	0.41	mg/L
GW	GWQ96-22B	7/13/1996	Mercury	<0.001	mg/L
GW	GWQ96-22B	7/13/1996	Molybdenum	<0.05	mg/L
GW	GWQ96-22B	7/13/1996	Nickel	<0.35	mg/L
GW	GWQ96-22B	7/13/1996	Nitrate as N (NO3)	<1	mg/L
GW	GWQ96-22B	7/13/1996	Selenium	<0.305	mg/L
GW	GWQ96-22B	7/13/1996	Silver	<0.35	mg/L
GW	GWQ96-22B	7/13/1996	Sulfate	79	mg/L
GW	GWQ96-22B	7/13/1996	TDS	650	mg/L
GW	GWQ96-22B	7/13/1996	Zinc	<0.05	mg/L
GW	GWQ96-22B	7/13/1996	pH	7.75	pH units
GW	GWQ96-22B	7/13/1996	Conductivity	1070	umhos/cm
GW	GWQ96-22B	7/13/1996	Antimony	<0.003	mg/L
GW	GWQ96-22B	7/13/1996	Beryllium	<0.002	mg/L
GW	GWQ96-22B	7/13/1996	Calcium	66	mg/L
GW	GWQ96-22B	7/13/1996	Magnesium	10	mg/L
GW	GWQ96-22B	7/13/1996	Thallium	<0.301	mg/L
GW	GWQ96-22B	7/13/1996	Sodium	130	mg/L
GW	GWQ96-22B	7/13/1996	Bicarbonate	141	mg/L CaCO3
GW	GWQ96-22B	7/13/1996	Carbonate	0	mg/L CaCO3
GW	GWQ96-22B	7/13/1996	Potassium	10	mg/L
GW	GWQ96-23A	7/14/1996	Aluminum	0.28	mg/L
GW	GWQ96-23A	7/14/1996	Arsenic	<0.005	mg/L
GW	GWQ96-23A	7/14/1996	Barium	0.084	mg/L
GW	GWQ96-23A	7/14/1996	Boron	<0.35	mg/L
GW	GWQ96-23A	7/14/1996	Cadmium	<0.0005	mg/L
GW	GWQ96-23A	7/14/1996	Chloride	22	mg/L
GW	GWQ96-23A	7/14/1996	Chromium	<0.325	mg/L
GW	GWQ96-23A	7/14/1996	Cobalt	<0.05	mg/L
GW	GWQ96-23A	7/14/1996	Copper	<0.325	mg/L
GW	GWQ96-23A	7/14/1996	Fluoride	0.84	mg/L
GW	GWQ96-23A	7/14/1996	Iron	0.26	mg/L
GW	GWQ96-23A	7/14/1996	Lead	<0.005	mg/L
GW	GWQ96-23A	7/14/1996	Manganese	0.05	mg/L
GW	GWQ96-23A	7/14/1996	Mercury	<0.001	mg/L
GW	GWQ96-23A	7/14/1996	Molybdenum	<0.35	mg/L
GW	GWQ96-23A	7/14/1996	Nickel	<0.05	mg/L
GW	GWQ96-23A	7/14/1996	Nitrate as N (NO3)	<1	mg/L
GW	GWQ96-23A	7/14/1996	Selenium	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-23A	7/14/1996	Silver	<0.05	mg/L
GW	GWQ96-23A	7/14/1996	Sulfate	140	mg/L
GW	GWQ96-23A	7/14/1996	TDS	520	mg/L
GW	GWQ96-23A	7/14/1996	Zinc	<0.05	mg/L
GW	GWQ96-23A	7/14/1996	pH	7.95	pH units
GW	GWQ96-23A	7/14/1996	Conductivity	760	umhos/cm
GW	GWQ96-23A	7/14/1996	Antimony	<0.003	mg/L
GW	GWQ96-23A	7/14/1996	Beryllium	<0.002	mg/L
GW	GWQ96-23A	7/14/1996	Calcium	59	mg/L
GW	GWQ96-23A	7/14/1996	Magnesium	18	mg/L
GW	GWQ96-23A	7/14/1996	Thallium	<0.001	mg/L
GW	GWQ96-23A	7/14/1996	Sodium	98	mg/L
GW	GWQ96-23A	7/14/1996	Bicarbonate	380	mg/L CaCO3
GW	GWQ96-23A	7/14/1996	Carbonate	0	mg/L CaCO3
GW	GWQ96-23A	7/14/1996	Potassium	4.2	mg/L
GW	GWQ96-23B	7/14/1996	Aluminum	7.4	mg/L
GW	GWQ96-23B	7/14/1996	Arsenic	<0.005	mg/L
GW	GWQ96-23B	7/14/1996	Barium	0.053	mg/L
GW	GWQ96-23B	7/14/1996	Boron	0.058	mg/L
GW	GWQ96-23B	7/14/1996	Cadmium	<0.0005	mg/L
GW	GWQ96-23B	7/14/1996	Chloride	20	mg/L
GW	GWQ96-23B	7/14/1996	Chromium	<0.025	mg/L
GW	GWQ96-23B	7/14/1996	Cobalt	<0.05	mg/L
GW	GWQ96-23B	7/14/1996	Copper	<0.025	mg/L
GW	GWQ96-23B	7/14/1996	Fluoride	1.1	mg/L
GW	GWQ96-23B	7/14/1996	Iron	3.7	mg/L
GW	GWQ96-23B	7/14/1996	Lead	<0.005	mg/L
GW	GWQ96-23B	7/14/1996	Manganese	0.13	mg/L
GW	GWQ96-23B	7/14/1996	Mercury	<0.001	mg/L
GW	GWQ96-23B	7/14/1996	Molybdenum	<0.05	mg/L
GW	GWQ96-23B	7/14/1996	Nickel	<0.05	mg/L
GW	GWQ96-23B	7/14/1996	Nitrate as N (NO3)	<1	mg/L
GW	GWQ96-23B	7/14/1996	Selenium	<0.005	mg/L
GW	GWQ96-23B	7/14/1996	Silver	<0.05	mg/L
GW	GWQ96-23B	7/14/1996	Sulfate	170	mg/L
GW	GWQ96-23B	7/14/1996	TDS	550	mg/L
GW	GWQ96-23B	7/14/1996	Zinc	<0.05	mg/L
GW	GWQ96-23B	7/14/1996	pH	8.15	pH units
GW	GWQ96-23B	7/14/1996	Conductivity	780	umhos/cm
GW	GWQ96-23B	7/14/1996	Antimony	<0.003	mg/L
GW	GWQ96-23B	7/14/1996	Beryllium	<0.002	mg/L
GW	GWQ96-23B	7/14/1996	Calcium	67	mg/L
GW	GWQ96-23B	7/14/1996	Magnesium	20	mg/L
GW	GWQ96-23B	7/14/1996	Thallium	<0.001	mg/L
GW	GWQ96-23B	7/14/1996	Sodium	79	mg/L
GW	GWQ96-23B	7/14/1996	Bicarbonate	234	mg/L CaCO3
GW	GWQ96-23B	7/14/1996	Carbonate	0	mg/L CaCO3
GW	GWQ96-23B	7/14/1996	Potassium	4	mg/L
GW	GWQ-1C	9/25/1996	Chloride	86.2	mg/L
GW	GWQ-10	9/25/1996	Sulfate	190.6	mg/L
GW	GWQ-10	9/25/1996	TDS	679	mg/L
GW	GWQ-1C	9/25/1996	pH	7.56	pH units
GW	GWQ-11	9/25/1996	Chloride	116	mg/L
GW	GWQ-11	9/25/1996	Sulfate	229.9	mg/L
GW	GWQ-11	9/25/1996	TDS	835	mg/L
GW	GWQ-11	9/25/1996	pH	7.78	pH units
GW	IW-1	9/25/1996	Chloride	568	mg/L
GW	IW-1	9/25/1996	Sulfate	1493	mg/L
GW	IW-1	9/25/1996	TDS	3551	mg/L
GW	IW-1	9/25/1996	pH	7.17	pH units
GW	NP-1	9/25/1996	Chloride	23.6	mg/L
GW	NP-1	9/25/1996	Sulfate	94.4	mg/L
GW	NP-1	9/25/1996	TDS	320	mg/L
GW	NP-1	9/25/1996	pH	8.22	pH units
GW	NP-2	9/25/1996	Chloride	57.2	mg/L
GW	NP-2	9/25/1996	Sulfate	116	mg/L
GW	NP-2	9/25/1996	TDS	596	mg/L
GW	NP-2	9/25/1996	pH	7.05	pH units
GW	NP-3	9/25/1996	Chloride	190.5	mg/L
GW	NP-3	9/25/1996	Sulfate	536.5	mg/L
GW	NP-3	9/25/1996	TDS	1472	mg/L
GW	NP-3	9/25/1996	pH	7.72	pH units
GW	NP-4	9/25/1996	Chloride	31.7	mg/L
GW	NP-4	9/25/1996	Sulfate	125.6	mg/L
GW	NP-4	9/25/1996	TDS	504	mg/L
GW	NP-4	9/25/1996	pH	7.75	pH units

GROUNDWATER ANALYSIS DATA

GW	NP-5	9/25/1996	Chloride	42.5	mg/L
GW	NP-5	9/25/1996	Sulfate	129.4	mg/L
GW	NP-5	9/25/1996	TDS	504	mg/L
GW	NP-5	9/25/1996	pH	8.08	pH units
GW	GWQ-10	1/15/1997	Chloride	91	mg/L
GW	GWQ-10	1/15/1997	Sulfate	203.67	mg/L
GW	GWQ-10	1/15/1997	TDS	746	mg/L
GW	GWQ-10	1/15/1997	pH	7.59	pH units
GW	GWQ-11	1/15/1997	Chloride	127	mg/L
GW	GWQ-11	1/15/1997	Sulfate	303.9	mg/L
GW	GWQ-11	1/15/1997	TDS	880	mg/L
GW	GWQ-11	1/15/1997	pH	7.68	pH units
GW	IW-1	1/15/1997	Chloride	410	mg/L
GW	IW-1	1/15/1997	Sulfate	1894.5	mg/L
GW	IW-1	1/15/1997	TDS	35.97	mg/L
GW	IW-1	1/15/1997	pH	7.44	pH units
GW	NP-1	1/15/1997	Chloride	25.6	mg/L
GW	NP-1	1/15/1997	Sulfate	109.13	mg/L
GW	NP-1	1/15/1997	TDS	318	mg/L
GW	NP-1	1/15/1997	pH	8.42	pH units
GW	NP-2	1/15/1997	Chloride	56	mg/L
GW	NP-2	1/15/1997	Sulfate	148.4	mg/L
GW	NP-2	1/15/1997	TDS	536	mg/L
GW	NP-2	1/15/1997	pH	7.44	pH units
GW	NP-3	1/15/1997	Chloride	207	mg/L
GW	NP-3	1/15/1997	Sulfate	657.4	mg/L
GW	NP-3	1/15/1997	TDS	1478	mg/L
GW	NP-3	1/15/1997	pH	7.51	pH units
GW	NP-4	1/15/1997	Chloride	98	mg/L
GW	NP-4	1/15/1997	Sulfate	1113	mg/L
GW	NP-4	1/15/1997	TDS	2651	mg/L
GW	NP-4	1/15/1997	pH	7.43	pH units
GW	NP-5	1/15/1997	Chloride	45.7	mg/L
GW	NP-5	1/15/1997	Sulfate	140.69	mg/L
GW	NP-5	1/15/1997	TDS	488	mg/L
GW	NP-5	1/15/1997	pH	7.76	pH units
GW	GWQ96-22A	4/9/1997	Chloride	20	mg/L
GW	GWQ96-22A	4/9/1997	Copper	<0.325	mg/L
GW	GWQ96-22A	4/9/1997	Fluoride	0.8	mg/L
GW	GWQ96-22A	4/9/1997	Iron	6.5	mg/L
GW	GWQ96-22A	4/9/1997	Manganese	2.8	mg/L
GW	GWQ96-22A	4/9/1997	Mercury	<0.001	mg/L
GW	GWQ96-22A	4/9/1997	Selenium	<0.305	mg/L
GW	GWQ96-22A	4/9/1997	Sulfate	150	mg/L
GW	GWQ96-22A	4/9/1997	TDS	770	mg/L
GW	GWQ96-22A	4/9/1997	pH	7.58	pH units
GW	GWQ96-22A	4/9/1997	Conductivity	930	umhos/cm
GW	GWQ96-23A	4/9/1997	Chloride	16	mg/L
GW	GWQ96-23A	4/9/1997	Copper	<0.325	mg/L
GW	GWQ96-23A	4/9/1997	Fluoride	1.4	mg/L
GW	GWQ96-23A	4/9/1997	Iron	0.1	mg/L
GW	GWQ96-23A	4/9/1997	Manganese	0.75	mg/L
GW	GWQ96-23A	4/9/1997	Mercury	<0.001	mg/L
GW	GWQ96-23A	4/9/1997	Selenium	<0.305	mg/L
GW	GWQ96-23A	4/9/1997	Sulfate	170	mg/L
GW	GWQ96-23A	4/9/1997	TDS	580	mg/L
GW	GWQ96-23A	4/9/1997	Conductivity	850	umhos/cm
GW	GWQ96-22A	8/6/1997	Aluminum	0.026	mg/L
GW	GWQ96-22A	8/6/1997	Arsenic	<0.305	mg/L
GW	GWQ96-22A	8/6/1997	Barium	0.057	mg/L
GW	GWQ96-22A	8/6/1997	Boron	0.23	mg/L
GW	GWQ96-22A	8/6/1997	Cadmium	<0.302	mg/L
GW	GWQ96-22A	8/6/1997	Chloride	89	mg/L
GW	GWQ96-22A	8/6/1997	Chromium	<0.325	mg/L
GW	GWQ96-22A	8/6/1997	Cobalt	<0.36	mg/L
GW	GWQ96-22A	8/6/1997	Copper	<0.05	mg/L
GW	GWQ96-22A	8/6/1997	Fluoride	2.2	mg/L
GW	GWQ96-22A	8/6/1997	Iron	0.13	mg/L
GW	GWQ96-22A	8/6/1997	Lead	<0.005	mg/L
GW	GWQ96-22A	8/6/1997	Manganese	0.55	mg/L
GW	GWQ96-22A	8/6/1997	Molybdenum	<0.05	mg/L
GW	GWQ96-22A	8/6/1997	Nickel	<0.05	mg/L
GW	GWQ96-22A	8/6/1997	Nitrate as N (NO3)	<1	mg/L
GW	GWQ96-22A	8/6/1997	Selenium	<0.005	mg/L
GW	GWQ96-22A	8/6/1997	Silver	<0.305	mg/L
GW	GWQ96-22A	8/6/1997	Sulfate	230	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-22A	8/6/1997	TDS	700	mg/L
GW	GWQ96-22A	8/6/1997	Zinc	<0.06	mg/L
GW	GWQ96-22A	8/6/1997	pH	7.65	pH units
GW	GWQ96-22A	8/6/1997	Conductivity	1140	umhos/cm
GW	GWQ96-22A	8/6/1997	Beryllium	<0.002	mg/L
GW	GWQ96-22A	8/6/1997	Calcium	73	mg/L
GW	GWQ96-22A	8/6/1997	Magnesium	8.2	mg/L
GW	GWQ96-22A	8/6/1997	Thallium	<0.001	mg/L
GW	GWQ96-22A	8/6/1997	Sodium	170	mg/L
GW	GWQ96-22A	8/6/1997	Bicarbonate	177	mg/L CaCO3
GW	GWQ96-22A	8/6/1997	Carbonate	0	mg/L CaCO3
GW	GWQ96-22A	8/6/1997	Potassium	6.2	mg/L
GW	GWQ96-23A	8/6/1997	Aluminum	0.036	mg/L
GW	GWQ96-23A	8/6/1997	Arsenic	<0.005	mg/L
GW	GWQ96-23A	8/6/1997	Barium	0.13	mg/L
GW	GWQ96-23A	8/6/1997	Boron	0.067	mg/L
GW	GWQ96-23A	8/6/1997	Cadmium	<0.002	mg/L
GW	GWQ96-23A	8/6/1997	Chloride	18	mg/L
GW	GWQ96-23A	8/6/1997	Chromium	<0.025	mg/L
GW	GWQ96-23A	8/6/1997	Cobalt	<0.05	mg/L
GW	GWQ96-23A	8/6/1997	Copper	<0.025	mg/L
GW	GWQ96-23A	8/6/1997	Fluoride	1.2	mg/L
GW	GWQ96-23A	8/6/1997	Iron	0.82	mg/L
GW	GWQ96-23A	8/6/1997	Lead	<0.005	mg/L
GW	GWQ96-23A	8/6/1997	Manganese	1.6	mg/L
GW	GWQ96-23A	8/6/1997	Molybdenum	<0.05	mg/L
GW	GWQ96-23A	8/6/1997	Nickel	<0.05	mg/L
GW	GWQ96-23A	8/6/1997	Nitrate as N (NO3)	<1	mg/L
GW	GWQ96-23A	8/6/1997	Selenium	<0.005	mg/L
GW	GWQ96-23A	8/6/1997	Silver	<0.025	mg/L
GW	GWQ96-23A	8/6/1997	Sulfate	410	mg/L
GW	GWQ96-23A	8/6/1997	TDS	920	mg/L
GW	GWQ96-23A	8/6/1997	Zinc	<0.06	mg/L
GW	GWQ96-23A	8/6/1997	pH	7.65	pH units
GW	GWQ96-23A	8/6/1997	Conductivity	1310	umhos/cm
GW	GWQ96-23A	8/6/1997	Beryllium	<0.002	mg/L
GW	GWQ96-23A	8/6/1997	Calcium	130	mg/L
GW	GWQ96-23A	8/6/1997	Magnesium	36	mg/L
GW	GWQ96-23A	8/6/1997	Thallium	<0.001	mg/L
GW	GWQ96-23A	8/6/1997	Sodium	72	mg/L
GW	GWQ96-23A	8/6/1997	Bicarbonate	328	mg/L CaCO3
GW	GWQ96-23A	8/6/1997	Carbonate	0	mg/L CaCO3
GW	GWQ96-23A	8/6/1997	Potassium	2.5	mg/L
GW	GWQ94-14	1/29/2010	Aluminum	<0.02	mg/L
GW	GWQ94-14	1/29/2010	Arsenic	0.0052	mg/L
GW	GWQ94-14	1/29/2010	Barium	0.045	mg/L
GW	GWQ94-14	1/29/2010	Boron	<0.04	mg/L
GW	GWQ94-14	1/29/2010	Cadmium	<0.002	mg/L
GW	GWQ94-14	1/29/2010	Chloride	50	mg/L
GW	GWQ94-14	1/29/2010	Chromium	<0.005	mg/L
GW	GWQ94-14	1/29/2010	Cobalt	<0.005	mg/L
GW	GWQ94-14	1/29/2010	Copper	<0.005	mg/L
GW	GWQ94-14	1/29/2010	Cyanide	<0.005	mg/L
GW	GWQ94-14	1/29/2010	Fluoride	0.48	mg/L
GW	GWQ94-14	1/29/2010	Iron	<0.02	mg/L
GW	GWQ94-14	1/29/2010	Lead	<0.005	mg/L
GW	GWQ94-14	1/29/2010	Manganese	<0.002	mg/L
GW	GWQ94-14	1/29/2010	Mercury	<0.0002	mg/L
GW	GWQ94-14	1/29/2010	Molybdenum	<0.005	mg/L
GW	GWQ94-14	1/29/2010	Nickel	<0.01	mg/L
GW	GWQ94-14	1/29/2010	Selenium	0.0058	mg/L
GW	GWQ94-14	1/29/2010	Silver	<0.005	mg/L
GW	GWQ94-14	1/29/2010	Sulfate	150	mg/L
GW	GWQ94-14	1/29/2010	TDS	550	mg/L
GW	GWQ94-14	1/29/2010	Zinc	0.01	mg/L
GW	GWQ94-14	1/29/2010	pH	8	pH units
GW	GWQ94-14	1/29/2010	Beryllium	<0.002	mg/L
GW	GWQ94-14	1/29/2010	Calcium	96	mg/L
GW	GWQ94-14	1/29/2010	Magnesium	28	mg/L
GW	GWQ94-14	1/29/2010	Potassium	2	mg/L
GW	GWQ94-14	1/29/2010	Sodium	49	mg/L
GW	GWQ94-14	1/29/2010	Antimony	<0.0025	mg/L
GW	GWQ94-14	1/29/2010	Thallium	<0.0025	mg/L
GW	GWQ94-14	1/29/2010	Nitrate (As N)+Nitrite (As N)	2.2	mg/L
GW	GWQ94-14	1/29/2010	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	GWQ94-14	1/29/2010	Carbonate	<2	mg/L CaCO3

GROUNDWATER ANALYSIS DATA

GW	GWQ94-14	1/29/2010	Bicarbonate	210	mg/L CaCO3
GW	GWQ94-14	1/29/2010	Specific Conductance	820	umhos/cm
GW	GWQ94-15	1/29/2010	Aluminum	<0.320	mg/L
GW	GWQ94-15	1/29/2010	Arsenic	0.0042	mg/L
GW	GWQ94-15	1/29/2010	Barium	0.055	mg/L
GW	GWQ94-15	1/29/2010	Boron	<0.040	mg/L
GW	GWQ94-15	1/29/2010	Cadmium	<0.0020	mg/L
GW	GWQ94-15	1/29/2010	Chloride	170	mg/L
GW	GWQ94-15	1/29/2010	Chromium	<0.0060	mg/L
GW	GWQ94-15	1/29/2010	Cobalt	<0.0060	mg/L
GW	GWQ94-15	1/29/2010	Copper	<0.0060	mg/L
GW	GWQ94-15	1/29/2010	Cyanide	<0.305	mg/L
GW	GWQ94-15	1/29/2010	Fluoride	0.3	mg/L
GW	GWQ94-15	1/29/2010	Iron	<0.320	mg/L
GW	GWQ94-15	1/29/2010	Lead	<0.0050	mg/L
GW	GWQ94-15	1/29/2010	Manganese	<0.0020	mg/L
GW	GWQ94-15	1/29/2010	Mercury	<0.00020	mg/L
GW	GWQ94-15	1/29/2010	Molybdenum	<0.0090	mg/L
GW	GWQ94-15	1/29/2010	Nickel	<0.010	mg/L
GW	GWQ94-15	1/29/2010	Selenium	0.021	mg/L
GW	GWQ94-15	1/29/2010	Silver	<0.0060	mg/L
GW	GWQ94-15	1/29/2010	Sulfate	420	mg/L
GW	GWQ94-15	1/29/2010	TDS	1080	mg/L
GW	GWQ94-15	1/29/2010	Zinc	0.022	mg/L
GW	GWQ94-15	1/29/2010	pH	7	pH units
GW	GWQ94-15	1/29/2010	Beryllium	<0.0020	mg/L
GW	GWQ94-15	1/29/2010	Calcium	180	mg/L
GW	GWQ94-15	1/29/2010	Magnesium	47	mg/L
GW	GWQ94-15	1/29/2010	Potassium	3	mg/L
GW	GWQ94-15	1/29/2010	Sodium	84	mg/L
GW	GWQ94-15	1/29/2010	Antimony	<0.0025	mg/L
GW	GWQ94-15	1/29/2010	Thallium	<0.0025	mg/L
GW	GWQ94-15	1/29/2010	Nitrate (As N)+Nitrite (As N)	4.1	mg/L
GW	GWQ94-15	1/29/2010	Alkalinity, Total (As CaCO3)	160	mg/L CaCO3
GW	GWQ94-15	1/29/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ94-15	1/29/2010	Bicarbonate	160	mg/L CaCO3
GW	GWQ94-15	1/29/2010	Specific Conductance	1500	umhos/cm
GW	GWQ96-22A	1/30/2010	Aluminum	<0.320	mg/L
GW	GWQ96-22A	1/30/2010	Arsenic	0.0029	mg/L
GW	GWQ96-22A	1/30/2010	Barium	0.094	mg/L
GW	GWQ96-22A	1/30/2010	Boron	0.25	mg/L
GW	GWQ96-22A	1/30/2010	Cadmium	<0.0020	mg/L
GW	GWQ96-22A	1/30/2010	Chloride	51	mg/L
GW	GWQ96-22A	1/30/2010	Chromium	<0.0060	mg/L
GW	GWQ96-22A	1/30/2010	Cobalt	<0.0060	mg/L
GW	GWQ96-22A	1/30/2010	Copper	<0.0060	mg/L
GW	GWQ96-22A	1/30/2010	Fluoride	2.6	mg/L
GW	GWQ96-22A	1/30/2010	Iron	2.1	mg/L
GW	GWQ96-22A	1/30/2010	Lead	<0.0050	mg/L
GW	GWQ96-22A	1/30/2010	Cyanide	<0.005	mg/L
GW	GWQ96-22A	1/30/2010	Manganese	0.74	mg/L
GW	GWQ96-22A	1/30/2010	Mercury	<0.00020	mg/L
GW	GWQ96-22A	1/30/2010	Molybdenum	<0.0090	mg/L
GW	GWQ96-22A	1/30/2010	Nickel	<0.010	mg/L
GW	GWQ96-22A	1/30/2010	Selenium	<0.0025	mg/L
GW	GWQ96-22A	1/30/2010	Silver	<0.0060	mg/L
GW	GWQ96-22A	1/30/2010	Sulfate	44	mg/L
GW	GWQ96-22A	1/30/2010	TDS	557	mg/L
GW	GWQ96-22A	1/30/2010	Zinc	<0.010	mg/L
GW	GWQ96-22A	1/30/2010	pH	8	pH units
GW	GWQ96-22A	1/30/2010	Beryllium	<0.0020	mg/L
GW	GWQ96-22A	1/30/2010	Calcium	51	mg/L
GW	GWQ96-22A	1/30/2010	Magnesium	3.8	mg/L
GW	GWQ96-22A	1/30/2010	Potassium	2.8	mg/L
GW	GWQ96-22A	1/30/2010	Sodium	160	mg/L
GW	GWQ96-22A	1/30/2010	Antimony	<0.0025	mg/L
GW	GWQ96-22A	1/30/2010	Thallium	<0.0025	mg/L
GW	GWQ96-22A	1/30/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
GW	GWQ96-22A	1/30/2010	Alkalinity, Total (As CaCO3)	320	mg/L CaCO3
GW	GWQ96-22A	1/30/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ96-22A	1/30/2010	Bicarbonate	320	mg/L CaCO3
GW	GWQ96-22A	1/30/2010	Specific Conductance	920	umhos/cm
GW	GWQ96-23A	1/30/2010	Aluminum	<0.320	mg/L
GW	GWQ96-23A	1/30/2010	Arsenic	0.0027	mg/L
GW	GWQ96-23A	1/30/2010	Barium	0.081	mg/L
GW	GWQ96-23A	1/30/2010	Boron	0.074	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-23A	1/30/2010	Cadmium	<0.0020	mg/L
GW	GWQ96-23A	1/30/2010	Chloride	12	mg/L
GW	GWQ96-23A	1/30/2010	Chromium	<0.0060	mg/L
GW	GWQ96-23A	1/30/2010	Cobalt	<0.0060	mg/L
GW	GWQ96-23A	1/30/2010	Copper	<0.0060	mg/L
GW	GWQ96-23A	1/30/2010	Cyanide	<0.005	mg/L
GW	GWQ96-23A	1/30/2010	Fluoride	1.7	mg/L
GW	GWQ96-23A	1/30/2010	Iron	0.66	mg/L
GW	GWQ96-23A	1/30/2010	Lead	<0.0060	mg/L
GW	GWQ96-23A	1/30/2010	Manganese	0.65	mg/L
GW	GWQ96-23A	1/30/2010	Mercury	<0.00020	mg/L
GW	GWQ96-23A	1/30/2010	Molybdenum	<0.0080	mg/L
GW	GWQ96-23A	1/30/2010	Nickel	<0.010	mg/L
GW	GWQ96-23A	1/30/2010	Selenium	<0.0025	mg/L
GW	GWQ96-23A	1/30/2010	Silver	<0.0050	mg/L
GW	GWQ96-23A	1/30/2010	Sulfate	5.6	mg/L
GW	GWQ96-23A	1/30/2010	TDS	688	mg/L
GW	GWQ96-23A	1/30/2010	Zinc	<0.010	mg/L
GW	GWQ96-23A	1/30/2010	pH	8	pH units
GW	GWQ96-23A	1/30/2010	Beryllium	<0.0020	mg/L
GW	GWQ96-23A	1/30/2010	Calcium	150	mg/L
GW	GWQ96-23A	1/30/2010	Magnesium	45	mg/L
GW	GWQ96-23A	1/30/2010	Potassium	1.6	mg/L
GW	GWQ96-23A	1/30/2010	Sodium	69	mg/L
GW	GWQ96-23A	1/30/2010	Antimony	<0.0025	mg/L
GW	GWQ96-23A	1/30/2010	Thallium	<0.0025	mg/L
GW	GWQ96-23A	1/30/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
GW	GWQ96-23A	1/30/2010	Alkalinity, Total (As CaCO3)	640	mg/L CaCO3
GW	GWQ96-23A	1/30/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ96-23A	1/30/2010	Bicarbonate	640	mg/L CaCO3
GW	GWQ96-23A	1/30/2010	Specific Conductance	1100	umhos/cm
GW	IW-2	1/31/2010	Aluminum	0.13	mg/L
GW	IW-2	1/31/2010	Arsenic	0.0092	mg/L
GW	IW-2	1/31/2010	Barium	0.024	mg/L
GW	IW-2	1/31/2010	Boron	0.075	mg/L
GW	IW-2	1/31/2010	Cadmium	<0.0020	mg/L
GW	IW-2	1/31/2010	Chloride	600	mg/L
GW	IW-2	1/31/2010	Chromium	<0.0060	mg/L
GW	IW-2	1/31/2010	Cobalt	0.0065	mg/L
GW	IW-2	1/31/2010	Copper	<0.0060	mg/L
GW	IW-2	1/31/2010	Cyanide	<0.005	mg/L
GW	IW-2	1/31/2010	Fluoride	0.74	mg/L
GW	IW-2	1/31/2010	Iron	1.3	mg/L
GW	IW-2	1/31/2010	Lead	<0.0060	mg/L
GW	IW-2	1/31/2010	Manganese	1.6	mg/L
GW	IW-2	1/31/2010	Mercury	<0.00020	mg/L
GW	IW-2	1/31/2010	Molybdenum	0.02	mg/L
GW	IW-2	1/31/2010	Nickel	<0.010	mg/L
GW	IW-2	1/31/2010	Selenium	0.033	mg/L
GW	IW-2	1/31/2010	Silver	<0.0050	mg/L
GW	IW-2	1/31/2010	Sulfate	1200	mg/L
GW	IW-2	1/31/2010	TDS	2770	mg/L
GW	IW-2	1/31/2010	Zinc	<0.010	mg/L
GW	IW-2	1/31/2010	pH	9	pH units
GW	IW-2	1/31/2010	Beryllium	<0.0020	mg/L
GW	IW-2	1/31/2010	Calcium	390	mg/L
GW	IW-2	1/31/2010	Magnesium	120	mg/L
GW	IW-2	1/31/2010	Potassium	1.6	mg/L
GW	IW-2	1/31/2010	Sodium	290	mg/L
GW	IW-2	1/31/2010	Antimony	<0.0025	mg/L
GW	IW-2	1/31/2010	Thallium	<0.0025	mg/L
GW	IW-2	1/31/2010	Nitrate (As N)+Nitrite (As N)	<2.0	mg/L
GW	IW-2	1/31/2010	Alkalinity, Total (As CaCO3)	260	mg/L CaCO3
GW	IW-2	1/31/2010	Carbonate	<2.0	mg/L CaCO3
GW	IW-2	1/31/2010	Bicarbonate	260	mg/L CaCO3
GW	IW-2	1/31/2010	Specific Conductance	3200	umhos/cm
GW	NP-1	1/31/2010	Aluminum	<0.020	mg/L
GW	NP-1	1/31/2010	Arsenic	<0.0025	mg/L
GW	NP-1	1/31/2010	Barium	0.037	mg/L
GW	NP-1	1/31/2010	Boron	<0.040	mg/L
GW	NP-1	1/31/2010	Cadmium	<0.0020	mg/L
GW	NP-1	1/31/2010	Chloride	38	mg/L
GW	NP-1	1/31/2010	Chromium	<0.0060	mg/L
GW	NP-1	1/31/2010	Cobalt	<0.0060	mg/L
GW	NP-1	1/31/2010	Copper	<0.0060	mg/L
GW	NP-1	1/31/2010	Cyanide	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	1/31/2010	Fluoride	0.65	mg/L
GW	NP-1	1/31/2010	Iron	0.1	mg/L
GW	NP-1	1/31/2010	Lead	<0.0050	mg/L
GW	NP-1	1/31/2010	Manganese	0.0050	mg/L
GW	NP-1	1/31/2010	Mercury	<0.00020	mg/L
GW	NP-1	1/31/2010	Molybdenum	<0.0060	mg/L
GW	NP-1	1/31/2010	Nickel	<0.010	mg/L
GW	NP-1	1/31/2010	Selenium	0.0055	mg/L
GW	NP-1	1/31/2010	Silver	<0.0060	mg/L
GW	NP-1	1/31/2010	Sulfate	140	mg/L
GW	NP-1	1/31/2010	TDS	514	mg/L
GW	NP-1	1/31/2010	Zinc	0.38	mg/L
GW	NP-1	1/31/2010	pH	8	pH units
GW	NP-1	1/31/2010	Beryllium	<0.0020	mg/L
GW	NP-1	1/31/2010	Calcium	97	mg/L
GW	NP-1	1/31/2010	Magnesium	29	mg/L
GW	NP-1	1/31/2010	Potassium	2	mg/L
GW	NP-1	1/31/2010	Sodium	52	mg/L
GW	NP-1	1/31/2010	Antimony	<0.0025	mg/L
GW	NP-1	1/31/2010	Thallium	<0.0025	mg/L
GW	NP-1	1/31/2010	Nitrate (As N)+Nitrite (As N)	1.4	mg/L
GW	NP-1	1/31/2010	Alkalinity, Total (As CaCO3)	220	mg/L CaCO3
GW	NP-1	1/31/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-1	1/31/2010	Bicarbonate	220	mg/L CaCO3
GW	NP-1	1/31/2010	Specific Conductance	760	umhos/cm
GW	NP-2	1/31/2010	Aluminum	<0.020	mg/L
GW	NP-2	1/31/2010	Arsenic	0.0052	mg/L
GW	NP-2	1/31/2010	Barium	0.058	mg/L
GW	NP-2	1/31/2010	Boron	<0.040	mg/L
GW	NP-2	1/31/2010	Cadmium	<0.0020	mg/L
GW	NP-2	1/31/2010	Chloride	150	mg/L
GW	NP-2	1/31/2010	Chromium	<0.0060	mg/L
GW	NP-2	1/31/2010	Cobalt	<0.0060	mg/L
GW	NP-2	1/31/2010	Copper	<0.0060	mg/L
GW	NP-2	1/31/2010	Cyanide	<0.005	mg/L
GW	NP-2	1/31/2010	Fluoride	0.46	mg/L
GW	NP-2	1/31/2010	Iron	0.069	mg/L
GW	NP-2	1/31/2010	Lead	<0.0050	mg/L
GW	NP-2	1/31/2010	Manganese	0.19	mg/L
GW	NP-2	1/31/2010	Mercury	<0.00020	mg/L
GW	NP-2	1/31/2010	Molybdenum	<0.0060	mg/L
GW	NP-2	1/31/2010	Nickel	<0.010	mg/L
GW	NP-2	1/31/2010	Selenium	0.017	mg/L
GW	NP-2	1/31/2010	Silver	<0.0060	mg/L
GW	NP-2	1/31/2010	Sulfate	210	mg/L
GW	NP-2	1/31/2010	TDS	746	mg/L
GW	NP-2	1/31/2010	Zinc	1.1	mg/L
GW	NP-2	1/31/2010	pH	8	pH units
GW	NP-2	1/31/2010	Beryllium	<0.0020	mg/L
GW	NP-2	1/31/2010	Calcium	120	mg/L
GW	NP-2	1/31/2010	Magnesium	35	mg/L
GW	NP-2	1/31/2010	Potassium	2.4	mg/L
GW	NP-2	1/31/2010	Sodium	75	mg/L
GW	NP-2	1/31/2010	Antimony	<0.0025	mg/L
GW	NP-2	1/31/2010	Thallium	<0.0025	mg/L
GW	NP-2	1/31/2010	Nitrate (As N)+Nitrite (As N)	2.5	mg/L
GW	NP-2	1/31/2010	Alkalinity, Total (As CaCO3)	160	mg/L CaCO3
GW	NP-2	1/31/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-2	1/31/2010	Bicarbonate	160	mg/L CaCO3
GW	NP-2	1/31/2010	Specific Conductance	1100	umhos/cm
GW	NP-4	1/31/2010	Aluminum	<0.020	mg/L
GW	NP-4	1/31/2010	Arsenic	<0.0025	mg/L
GW	NP-4	1/31/2010	Barium	0.056	mg/L
GW	NP-4	1/31/2010	Boron	<0.040	mg/L
GW	NP-4	1/31/2010	Cadmium	<0.0020	mg/L
GW	NP-4	1/31/2010	Chloride	40	mg/L
GW	NP-4	1/31/2010	Chromium	<0.0060	mg/L
GW	NP-4	1/31/2010	Cobalt	<0.0060	mg/L
GW	NP-4	1/31/2010	Copper	<0.0060	mg/L
GW	NP-4	1/31/2010	Cyanide	<0.005	mg/L
GW	NP-4	1/31/2010	Fluoride	0.46	mg/L
GW	NP-4	1/31/2010	Iron	0.04	mg/L
GW	NP-4	1/31/2010	Lead	<0.0050	mg/L
GW	NP-4	1/31/2010	Manganese	0.0088	mg/L
GW	NP-4	1/31/2010	Mercury	<0.00020	mg/L
GW	NP-4	1/31/2010	Molybdenum	<0.0060	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-4	1/31/2010	Nickel	<0.010	mg/L
GW	NP-4	1/31/2010	Selenium	0.0057	mg/L
GW	NP-4	1/31/2010	Silver	<0.0060	mg/L
GW	NP-4	1/31/2010	Sulfate	190	mg/L
GW	NP-4	1/31/2010	TDS	626	mg/L
GW	NP-4	1/31/2010	Zinc	1.3	mg/L
GW	NP-4	1/31/2010	pH	8	pH units
GW	NP-4	1/31/2010	Beryllium	<0.0020	mg/L
GW	NP-4	1/31/2010	Calcium	100	mg/L
GW	NP-4	1/31/2010	Magnesium	18	mg/L
GW	NP-4	1/31/2010	Potassium	2.4	mg/L
GW	NP-4	1/31/2010	Sodium	79	mg/L
GW	NP-4	1/31/2010	Antimony	<0.0025	mg/L
GW	NP-4	1/31/2010	Thallium	<0.0025	mg/L
GW	NP-4	1/31/2010	Nitrate (As N)+Nitrite (As N)	7.4	mg/L
GW	NP-4	1/31/2010	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	NP-4	1/31/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-4	1/31/2010	Bicarbonate	210	mg/L CaCO3
GW	NP-4	1/31/2010	Specific Conductance	900	umhos/cm
GW	NP-1	6/28/2010	Aluminum	<0.020	mg/L
GW	NP-1	6/28/2010	Arsenic	0.0054	mg/L
GW	NP-1	6/28/2010	Barium	0.043	mg/L
GW	NP-1	6/28/2010	Boron	<0.040	mg/L
GW	NP-1	6/28/2010	Cadmium	<0.0020	mg/L
GW	NP-1	6/28/2010	Chloride	37	mg/L
GW	NP-1	6/28/2010	Chromium	<0.0060	mg/L
GW	NP-1	6/28/2010	Cobalt	<0.0060	mg/L
GW	NP-1	6/28/2010	Copper	<0.0060	mg/L
GW	NP-1	6/28/2010	Fluoride	0.61	mg/L
GW	NP-1	6/28/2010	Iron	<0.020	mg/L
GW	NP-1	6/28/2010	Lead	<0.0060	mg/L
GW	NP-1	6/28/2010	Manganese	<0.0020	mg/L
GW	NP-1	6/28/2010	Mercury	<0.00020	mg/L
GW	NP-1	6/28/2010	Molybdenum	<0.0060	mg/L
GW	NP-1	6/28/2010	Nickel	<0.010	mg/L
GW	NP-1	6/28/2010	Selenium	0.0045	mg/L
GW	NP-1	6/28/2010	Silver	<0.0060	mg/L
GW	NP-1	6/28/2010	Sulfate	150	mg/L
GW	NP-1	6/28/2010	TDS	548	mg/L
GW	NP-1	6/28/2010	Uranium	0.0019	mg/L
GW	NP-1	6/28/2010	Zinc	0.047	mg/L
GW	NP-1	6/28/2010	pH	8	pH units
GW	NP-1	6/28/2010	Beryllium	<0.0020	mg/L
GW	NP-1	6/28/2010	Calcium	90	mg/L
GW	NP-1	6/28/2010	Magnesium	26	mg/L
GW	NP-1	6/28/2010	Potassium	1.9	mg/L
GW	NP-1	6/28/2010	Silicon	19	mg/L
GW	NP-1	6/28/2010	Sodium	46	mg/L
GW	NP-1	6/28/2010	Vanadium	<0.050	mg/L
GW	NP-1	6/28/2010	Antimony	<0.0010	mg/L
GW	NP-1	6/28/2010	Thallium	<0.0010	mg/L
GW	NP-1	6/28/2010	Nitrate (As N)+Nitrite (As N)	1.4	mg/L
GW	NP-1	6/28/2010	Alkalinity, Total (As CaCO3)	230	mg/L CaCO3
GW	NP-1	6/28/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-1	6/28/2010	Bicarbonate	230	mg/L CaCO3
GW	NP-1	6/28/2010	Specific Conductance	790	umhos/cm
GW	NP-1	6/28/2010	Suspended Solids	<10	mg/L
GW	NP-2	6/28/2010	Aluminum	<0.020	mg/L
GW	NP-2	6/28/2010	Arsenic	<0.0010	mg/L
GW	NP-2	6/28/2010	Barium	0.057	mg/L
GW	NP-2	6/28/2010	Boron	<0.040	mg/L
GW	NP-2	6/28/2010	Cadmium	<0.0020	mg/L
GW	NP-2	6/28/2010	Chloride	170	mg/L
GW	NP-2	6/28/2010	Chromium	<0.0060	mg/L
GW	NP-2	6/28/2010	Cobalt	<0.0060	mg/L
GW	NP-2	6/28/2010	Copper	<0.0060	mg/L
GW	NP-2	6/28/2010	Fluoride	0.44	mg/L
GW	NP-2	6/28/2010	Iron	<0.020	mg/L
GW	NP-2	6/28/2010	Lead	<0.0060	mg/L
GW	NP-2	6/28/2010	Manganese	0.021	mg/L
GW	NP-2	6/28/2010	Mercury	<0.00020	mg/L
GW	NP-2	6/28/2010	Molybdenum	<0.0060	mg/L
GW	NP-2	6/28/2010	Nickel	<0.010	mg/L
GW	NP-2	6/28/2010	Selenium	0.012	mg/L
GW	NP-2	6/28/2010	Silver	<0.0060	mg/L
GW	NP-2	6/28/2010	Sulfate	260	mg/L

GROUNDWATER ANALYSIS DATA

GW	NI-2	6/26/2010	TDS	646	mg/L
GW	NP-2	6/26/2010	Uranium	0.0017	mg/L
GW	NP-2	6/26/2010	Zinc	0.26	mg/L
GW	NP-2	6/26/2010	pH	7	pH units
GW	NP-2	6/26/2010	Beryllium	<0.0020	mg/L
GW	NP-2	6/26/2010	Calcium	130	mg/L
GW	NP-2	6/26/2010	Magnesium	35	mg/L
GW	NP-2	6/26/2010	Potassium	2.2	mg/L
GW	NP-2	6/26/2010	Silicon	17	mg/L
GW	NP-2	6/26/2010	Sodium	71	mg/L
GW	NP-2	6/26/2010	Vanadium	<0.050	mg/L
GW	NP-2	6/26/2010	Antimony	<0.0010	mg/L
GW	NP-2	6/26/2010	Thallium	<0.0010	mg/L
GW	NP-2	6/26/2010	Nitrate (As N)+Nitrite (As N)	2.7	mg/L
GW	NP-2	6/26/2010	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
GW	NP-2	6/26/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-2	6/26/2010	Bicarbonate	170	mg/L CaCO3
GW	NP-2	6/26/2010	Specific Conductance	1200	umhos/cm
GW	NP-2	6/26/2010	Suspended Solids	740	mg/L
GW	NP-5	6/26/2010	Aluminum	<0.020	mg/L
GW	NP-5	6/26/2010	Arsenic	0.0014	mg/L
GW	NP-5	6/26/2010	Barium	0.016	mg/L
GW	NP-5	6/26/2010	Boron	<0.040	mg/L
GW	NP-5	6/26/2010	Cadmium	<0.0020	mg/L
GW	NP-5	6/26/2010	Chloride	80	mg/L
GW	NP-5	6/26/2010	Chromium	<0.0060	mg/L
GW	NP-5	6/26/2010	Cobalt	<0.0060	mg/L
GW	NP-5	6/26/2010	Copper	<0.0060	mg/L
GW	NP-5	6/26/2010	Fluoride	0.66	mg/L
GW	NP-5	6/26/2010	Iron	<0.020	mg/L
GW	NP-5	6/26/2010	Lead	<0.0060	mg/L
GW	NP-5	6/26/2010	Manganese	<0.0020	mg/L
GW	NP-5	6/26/2010	Mercury	<0.00020	mg/L
GW	NP-5	6/26/2010	Molybdenum	<0.0060	mg/L
GW	NP-5	6/26/2010	Nickel	<0.010	mg/L
GW	NP-5	6/26/2010	Selenium	0.0067	mg/L
GW	NP-5	6/26/2010	Silver	<0.0060	mg/L
GW	NP-5	6/26/2010	Sulfate	160	mg/L
GW	NP-5	6/26/2010	TDS	623	mg/L
GW	NP-5	6/26/2010	Uranium	0.0013	mg/L
GW	NP-5	6/26/2010	Zinc	0.29	mg/L
GW	NP-5	6/26/2010	pH	8	pH units
GW	NP-5	6/26/2010	Beryllium	<0.0020	mg/L
GW	NP-5	6/26/2010	Calcium	100	mg/L
GW	NP-5	6/26/2010	Magnesium	31	mg/L
GW	NP-5	6/26/2010	Potassium	2.9	mg/L
GW	NP-5	6/26/2010	Silicon	20	mg/L
GW	NP-5	6/26/2010	Sodium	44	mg/L
GW	NP-5	6/26/2010	Vanadium	<0.050	mg/L
GW	NP-5	6/26/2010	Antimony	<0.0010	mg/L
GW	NP-5	6/26/2010	Thallium	<0.0010	mg/L
GW	NP-5	6/26/2010	Nitrate (As N)+Nitrite (As N)	3.9	mg/L
GW	NP-5	6/26/2010	Alkalinity, Total (As CaCO3)	180	mg/L CaCO3
GW	NP-5	6/26/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-5	6/26/2010	Bicarbonate	160	mg/L CaCO3
GW	NP-5	6/26/2010	Specific Conductance	900	umhos/cm
GW	NP-5	6/26/2010	Suspended Solids	23	mg/L
GW	GWQ94-14	6/29/2010	Aluminum	<0.020	mg/L
GW	GWQ94-14	6/29/2010	Arsenic	0.0023	mg/L
GW	GWQ94-14	6/29/2010	Barium	0.046	mg/L
GW	GWQ94-14	6/29/2010	Boron	<0.040	mg/L
GW	GWQ94-14	6/29/2010	Cadmium	<0.0020	mg/L
GW	GWQ94-14	6/29/2010	Chloride	49	mg/L
GW	GWQ94-14	6/29/2010	Chromium	<0.0060	mg/L
GW	GWQ94-14	6/29/2010	Cobalt	<0.0060	mg/L
GW	GWQ94-14	6/29/2010	Copper	<0.0060	mg/L
GW	GWQ94-14	6/29/2010	Fluoride	0.46	mg/L
GW	GWQ94-14	6/29/2010	Iron	<0.020	mg/L
GW	GWQ94-14	6/29/2010	Lead	<0.0060	mg/L
GW	GWQ94-14	6/29/2010	Manganese	<0.0020	mg/L
GW	GWQ94-14	6/29/2010	Mercury	<0.00020	mg/L
GW	GWQ94-14	6/29/2010	Molybdenum	<0.0060	mg/L
GW	GWQ94-14	6/29/2010	Nickel	<0.010	mg/L
GW	GWQ94-14	6/29/2010	Selenium	0.0062	mg/L
GW	GWQ94-14	6/29/2010	Silver	<0.0060	mg/L
GW	GWQ94-14	6/29/2010	Sulfate	150	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-14	6/29/2010	TDS	573	mg/L
GW	GWQ94-14	6/29/2010	Uranium	0.0014	mg/L
GW	GWQ94-14	6/29/2010	Zinc	<0.310	mg/L
GW	GWQ94-14	6/29/2010	pH	8	pH units
GW	GWQ94-14	6/29/2010	Beryllium	<0.0020	mg/L
GW	GWQ94-14	6/29/2010	Calcium	98	mg/L
GW	GWQ94-14	6/29/2010	Magnesium	25	mg/L
GW	GWQ94-14	6/29/2010	Potassium	1.7	mg/L
GW	GWQ94-14	6/29/2010	Silicon	19	mg/L
GW	GWQ94-14	6/29/2010	Sodium	45	mg/L
GW	GWQ94-14	6/29/2010	Vanadium	<0.050	mg/L
GW	GWQ94-14	6/29/2010	Antimony	<0.3010	mg/L
GW	GWQ94-14	6/29/2010	Thallium	<0.3010	mg/L
GW	GWQ94-14	6/29/2010	Nitrate (As N)+Nrite (As N)	2.3	mg/L
GW	GWQ94-14	6/29/2010	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	GWQ94-14	6/29/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ94-14	6/29/2010	Bicarbonate	210	mg/L CaCO3
GW	GWQ94-14	6/29/2010	Specific Conductance	820	umhos/cm
GW	GWQ94-14	6/29/2010	Suspended Solids	<10	mg/L
GW	GWQ94-15	6/29/2010	Aluminum	<0.320	mg/L
GW	GWQ94-15	6/29/2010	Arsenic	<0.3010	mg/L
GW	GWQ94-15	6/29/2010	Barium	0.059	mg/L
GW	GWQ94-15	6/29/2010	Boron	<0.340	mg/L
GW	GWQ94-15	6/29/2010	Cadmium	<0.0020	mg/L
GW	GWQ94-15	6/29/2010	Chloride	110	mg/L
GW	GWQ94-15	6/29/2010	Chromium	<0.0060	mg/L
GW	GWQ94-15	6/29/2010	Cobalt	<0.0060	mg/L
GW	GWQ94-15	6/29/2010	Copper	<0.3060	mg/L
GW	GWQ94-15	6/29/2010	Fluoride	0.45	mg/L
GW	GWQ94-15	6/29/2010	Iron	<0.020	mg/L
GW	GWQ94-15	6/29/2010	Lead	<0.3060	mg/L
GW	GWQ94-15	6/29/2010	Manganese	0.0049	mg/L
GW	GWQ94-15	6/29/2010	Mercury	<0.30020	mg/L
GW	GWQ94-15	6/29/2010	Molybdenum	<0.3060	mg/L
GW	GWQ94-15	6/29/2010	Nickel	<0.310	mg/L
GW	GWQ94-15	6/29/2010	Selenium	0.0085	mg/L
GW	GWQ94-15	6/29/2010	Silver	<0.0060	mg/L
GW	GWQ94-15	6/29/2010	Sulfate	260	mg/L
GW	GWQ94-15	6/29/2010	TDS	805	mg/L
GW	GWQ94-15	6/29/2010	Uranium	0.0017	mg/L
GW	GWQ94-15	6/29/2010	Zinc	<0.310	mg/L
GW	GWQ94-15	6/29/2010	pH	8	pH units
GW	GWQ94-15	6/29/2010	Beryllium	<0.0020	mg/L
GW	GWQ94-15	6/29/2010	Calcium	140	mg/L
GW	GWQ94-15	6/29/2010	Magnesium	34	mg/L
GW	GWQ94-15	6/29/2010	Potassium	2.1	mg/L
GW	GWQ94-15	6/29/2010	Silicon	15	mg/L
GW	GWQ94-15	6/29/2010	Sodium	60	mg/L
GW	GWQ94-15	6/29/2010	Vanadium	<0.350	mg/L
GW	GWQ94-15	6/29/2010	Antimony	<0.0010	mg/L
GW	GWQ94-15	6/29/2010	Thallium	<0.0010	mg/L
GW	GWQ94-15	6/29/2010	Nitrate (As N)+Nrite (As N)	2.7	mg/L
GW	GWQ94-15	6/29/2010	Alkalinity, Total (As CaCO3)	180	mg/L CaCO3
GW	GWQ94-15	6/29/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ94-15	6/29/2010	Bicarbonate	180	mg/L CaCO3
GW	GWQ94-15	6/29/2010	Specific Conductance	1100	umhos/cm
GW	GWQ94-15	6/29/2010	Suspended Solids	<10	mg/L
GW	GWQ94-16	6/29/2010	Aluminum	<0.020	mg/L
GW	GWQ94-16	6/29/2010	Arsenic	0.0022	mg/L
GW	GWQ94-16	6/29/2010	Barium	0.059	mg/L
GW	GWQ94-16	6/29/2010	Boron	0.048	mg/L
GW	GWQ94-16	6/29/2010	Cadmium	<0.3020	mg/L
GW	GWQ94-16	6/29/2010	Chloride	180	mg/L
GW	GWQ94-16	6/29/2010	Chromium	<0.3060	mg/L
GW	GWQ94-16	6/29/2010	Cobalt	<0.3060	mg/L
GW	GWQ94-16	6/29/2010	Copper	<0.0060	mg/L
GW	GWQ94-16	6/29/2010	Fluoride	0.62	mg/L
GW	GWQ94-16	6/29/2010	Iron	<0.020	mg/L
GW	GWQ94-16	6/29/2010	Lead	<0.0060	mg/L
GW	GWQ94-16	6/29/2010	Manganese	<0.3020	mg/L
GW	GWQ94-16	6/29/2010	Mercury	<0.00020	mg/L
GW	GWQ94-16	6/29/2010	Molybdenum	<0.0080	mg/L
GW	GWQ94-16	6/29/2010	Nickel	<0.310	mg/L
GW	GWQ94-16	6/29/2010	Selenium	0.011	mg/L
GW	GWQ94-16	6/29/2010	Silver	<0.3060	mg/L
GW	GWQ94-16	6/29/2010	Sulfate	440	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-16	6/29/2010	TDS	1190	mg/L
GW	GWQ94-16	6/29/2010	Uranium	0.0025	mg/L
GW	GWQ94-16	6/29/2010	Zinc	<0.310	mg/L
GW	GWQ94-16	6/29/2010	pH	8	pH units
GW	GWQ94-16	6/29/2010	Beryllium	<0.0020	mg/L
GW	GWQ94-16	6/29/2010	Calcium	210	mg/L
GW	GWQ94-16	6/29/2010	Magnesium	50	mg/L
GW	GWQ94-16	6/29/2010	Potassium	3.1	mg/L
GW	GWQ94-16	6/29/2010	Silicon	22	mg/L
GW	GWQ94-16	6/29/2010	Sodium	74	mg/L
GW	GWQ94-16	6/29/2010	Vanadium	<0.050	mg/L
GW	GWQ94-16	6/29/2010	Antimony	<0.3010	mg/L
GW	GWQ94-16	6/29/2010	Thallium	<0.3010	mg/L
GW	GWQ94-16	6/29/2010	Nitrate (As N)+Nrite (As N)	3.7	mg/L
GW	GWQ94-16	6/29/2010	Alkalinity, Total (As CaCO3)	180	mg/L CaCO3
GW	GWQ94-16	6/29/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ94-16	6/29/2010	Bicarbonate	180	mg/L CaCO3
GW	GWQ94-16	6/29/2010	Specific Conductance	1800	umhos/cm
GW	GWQ94-16	6/29/2010	Suspended Solids	<10	mg/L
GW	IW-2	6/29/2010	Aluminum	<0.320	mg/L
GW	IW-2	6/29/2010	Arsenic	<0.3010	mg/L
GW	IW-2	6/29/2010	Barium	0.079	mg/L
GW	IW-2	6/29/2010	Boron	0.061	mg/L
GW	IW-2	6/29/2010	Cadmium	<0.0020	mg/L
GW	IW-2	6/29/2010	Chloride	560	mg/L
GW	IW-2	6/29/2010	Chromium	<0.0060	mg/L
GW	IW-2	6/29/2010	Cobalt	<0.0060	mg/L
GW	IW-2	6/29/2010	Copper	<0.3060	mg/L
GW	IW-2	6/29/2010	Fluoride	0.67	mg/L
GW	IW-2	6/29/2010	Iron	0.87	mg/L
GW	IW-2	6/29/2010	Lead	<0.0060	mg/L
GW	IW-2	6/29/2010	Manganese	2.2	mg/L
GW	IW-2	6/29/2010	Mercury	0.00048	mg/L
GW	IW-2	6/29/2010	Molybdenum	0.024	mg/L
GW	IW-2	6/29/2010	Nickel	<0.310	mg/L
GW	IW-2	6/29/2010	Selenium	0.028	mg/L
GW	IW-2	6/29/2010	Silver	<0.0060	mg/L
GW	IW-2	6/29/2010	Sulfate	1100	mg/L
GW	IW-2	6/29/2010	TDS	2700	mg/L
GW	IW-2	6/29/2010	Uranium	0.008	mg/L
GW	IW-2	6/29/2010	Zinc	<0.310	mg/L
GW	IW-2	6/29/2010	pH	7	pH units
GW	IW-2	6/29/2010	Beryllium	<0.0020	mg/L
GW	IW-2	6/29/2010	Calcium	390	mg/L
GW	IW-2	6/29/2010	Magnesium	110	mg/L
GW	IW-2	6/29/2010	Potassium	1.8	mg/L
GW	IW-2	6/29/2010	Silicon	26	mg/L
GW	IW-2	6/29/2010	Sodium	260	mg/L
GW	IW-2	6/29/2010	Vanadium	<0.350	mg/L
GW	IW-2	6/29/2010	Antimony	<0.0010	mg/L
GW	IW-2	6/29/2010	Thallium	<0.0010	mg/L
GW	IW-2	6/29/2010	Nitrate (As N)+Nrite (As N)	<2.0	mg/L
GW	IW-2	6/29/2010	Alkalinity, Total (As CaCO3)	250	mg/L CaCO3
GW	IW-2	6/29/2010	Carbonate	<2.0	mg/L CaCO3
GW	IW-2	6/29/2010	Bicarbonate	250	mg/L CaCO3
GW	IW-2	6/29/2010	Specific Conductance	3400	umhos/cm
GW	IW-2	6/29/2010	Suspended Solids	31000	mg/L
GW	GWQ96-22A	7/1/2010	Aluminum	<0.020	mg/L
GW	GWQ96-22A	7/1/2010	Arsenic	0.0035	mg/L
GW	GWQ96-22A	7/1/2010	Barium	0.079	mg/L
GW	GWQ96-22A	7/1/2010	Boron	0.26	mg/L
GW	GWQ96-22A	7/1/2010	Cadmium	<0.0020	mg/L
GW	GWQ96-22A	7/1/2010	Chloride	70	mg/L
GW	GWQ96-22A	7/1/2010	Chromium	<0.3060	mg/L
GW	GWQ96-22A	7/1/2010	Cobalt	<0.3060	mg/L
GW	GWQ96-22A	7/1/2010	Copper	<0.0060	mg/L
GW	GWQ96-22A	7/1/2010	Fluoride	2.7	mg/L
GW	GWQ96-22A	7/1/2010	Iron	0.021	mg/L
GW	GWQ96-22A	7/1/2010	Lead	<0.0060	mg/L
GW	GWQ96-22A	7/1/2010	Manganese	0.65	mg/L
GW	GWQ96-22A	7/1/2010	Mercury	<0.00020	mg/L
GW	GWQ96-22A	7/1/2010	Molybdenum	<0.0080	mg/L
GW	GWQ96-22A	7/1/2010	Nickel	<0.310	mg/L
GW	GWQ96-22A	7/1/2010	Selenium	0.0011	mg/L
GW	GWQ96-22A	7/1/2010	Silver	<0.3060	mg/L
GW	GWQ96-22A	7/1/2010	Sulfate	52	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-22A	7/1/2010	TDS	573	mg/L
GW	GWQ96-22A	7/1/2010	Uranium	<0.3010	mg/L
GW	GWQ96-22A	7/1/2010	Zinc	<0.310	mg/L
GW	GWQ96-22A	7/1/2010	pH	8	pH units
GW	GWQ96-22A	7/1/2010	Beryllium	<0.0020	mg/L
GW	GWQ96-22A	7/1/2010	Calcium	53	mg/L
GW	GWQ96-22A	7/1/2010	Magnesium	3.7	mg/L
GW	GWQ96-22A	7/1/2010	Potassium	2.8	mg/L
GW	GWQ96-22A	7/1/2010	Silicon	13	mg/L
GW	GWQ96-22A	7/1/2010	Sodium	150	mg/L
GW	GWQ96-22A	7/1/2010	Vanadium	<0.050	mg/L
GW	GWQ96-22A	7/1/2010	Antimony	<0.3010	mg/L
GW	GWQ96-22A	7/1/2010	Thallium	<0.3010	mg/L
GW	GWQ96-22A	7/1/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
GW	GWQ96-22A	7/1/2010	Alkalinity, Total (As CaCO3)	310	mg/L CaCO3
GW	GWQ96-22A	7/1/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ96-22A	7/1/2010	Bicarbonate	310	mg/L CaCO3
GW	GWQ96-22A	7/1/2010	Specific Conductance	520	umhos/cm
GW	GWQ96-22A	7/1/2010	Suspended Solids	19	mg/L
GW	GWQ96-23A	7/1/2010	Aluminum	<0.320	mg/L
GW	GWQ96-23A	7/1/2010	Arsenic	0.0011	mg/L
GW	GWQ96-23A	7/1/2010	Barium	0.13	mg/L
GW	GWQ96-23A	7/1/2010	Boron	0.065	mg/L
GW	GWQ96-23A	7/1/2010	Cadmium	<0.0020	mg/L
GW	GWQ96-23A	7/1/2010	Chloride	14	mg/L
GW	GWQ96-23A	7/1/2010	Chromium	<0.0060	mg/L
GW	GWQ96-23A	7/1/2010	Cobalt	<0.0060	mg/L
GW	GWQ96-23A	7/1/2010	Copper	<0.0060	mg/L
GW	GWQ96-23A	7/1/2010	Fluoride	1.5	mg/L
GW	GWQ96-23A	7/1/2010	Iron	0.046	mg/L
GW	GWQ96-23A	7/1/2010	Lead	<0.0050	mg/L
GW	GWQ96-23A	7/1/2010	Manganese	0.37	mg/L
GW	GWQ96-23A	7/1/2010	Mercury	<0.30020	mg/L
GW	GWQ96-23A	7/1/2010	Molybdenum	<0.3060	mg/L
GW	GWQ96-23A	7/1/2010	Nickel	<0.310	mg/L
GW	GWQ96-23A	7/1/2010	Selenium	0.0014	mg/L
GW	GWQ96-23A	7/1/2010	Silver	<0.0050	mg/L
GW	GWQ96-23A	7/1/2010	Sulfate	140	mg/L
GW	GWQ96-23A	7/1/2010	TDS	804	mg/L
GW	GWQ96-23A	7/1/2010	Uranium	0.0025	mg/L
GW	GWQ96-23A	7/1/2010	Zinc	<0.310	mg/L
GW	GWQ96-23A	7/1/2010	pH	8	pH units
GW	GWQ96-23A	7/1/2010	Beryllium	<0.0020	mg/L
GW	GWQ96-23A	7/1/2010	Calcium	150	mg/L
GW	GWQ96-23A	7/1/2010	Magnesium	40	mg/L
GW	GWQ96-23A	7/1/2010	Potassium	1.5	mg/L
GW	GWQ96-23A	7/1/2010	Silicon	15	mg/L
GW	GWQ96-23A	7/1/2010	Sodium	81	mg/L
GW	GWQ96-23A	7/1/2010	Vanadium	<0.350	mg/L
GW	GWQ96-23A	7/1/2010	Antimony	<0.0010	mg/L
GW	GWQ96-23A	7/1/2010	Thallium	<0.0010	mg/L
GW	GWQ96-23A	7/1/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
GW	GWQ96-23A	7/1/2010	Alkalinity, Total (As CaCO3)	510	mg/L CaCO3
GW	GWQ96-23A	7/1/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ96-23A	7/1/2010	Bicarbonate	510	mg/L CaCO3
GW	GWQ96-23A	7/1/2010	Specific Conductance	1200	umhos/cm
GW	GWQ96-23A	7/1/2010	Suspended Solids	13	mg/L
GW	GWQ94-13	7/2/2010	Aluminum	<0.020	mg/L
GW	GWQ94-13	7/2/2010	Arsenic	<0.3010	mg/L
GW	GWQ94-13	7/2/2010	Barium	0.04	mg/L
GW	GWQ94-13	7/2/2010	Boron	<0.040	mg/L
GW	GWQ94-13	7/2/2010	Cadmium	<0.0020	mg/L
GW	GWQ94-13	7/2/2010	Chloride	290	mg/L
GW	GWQ94-13	7/2/2010	Chromium	<0.0060	mg/L
GW	GWQ94-13	7/2/2010	Cobalt	<0.0060	mg/L
GW	GWQ94-13	7/2/2010	Copper	<0.0060	mg/L
GW	GWQ94-13	7/2/2010	Fluoride	0.35	mg/L
GW	GWQ94-13	7/2/2010	Iron	<0.020	mg/L
GW	GWQ94-13	7/2/2010	Lead	<0.0050	mg/L
GW	GWQ94-13	7/2/2010	Manganese	<0.3020	mg/L
GW	GWQ94-13	7/2/2010	Mercury	0.00025	mg/L
GW	GWQ94-13	7/2/2010	Molybdenum	<0.0060	mg/L
GW	GWQ94-13	7/2/2010	Nickel	<0.310	mg/L
GW	GWQ94-13	7/2/2010	Selenium	0.024	mg/L
GW	GWQ94-13	7/2/2010	Silver	<0.0050	mg/L
GW	GWQ94-13	7/2/2010	Sulfate	770	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-13	7/2/2010	TDS	1730	mg/L
GW	GWQ94-13	7/2/2010	Uranium	0.0016	mg/L
GW	GWQ94-13	7/2/2010	Zinc	<0.310	mg/L
GW	GWQ94-13	7/2/2010	pH	8	pH units
GW	GWQ94-13	7/2/2010	Beryllium	<0.0020	mg/L
GW	GWQ94-13	7/2/2010	Calcium	320	mg/L
GW	GWQ94-13	7/2/2010	Magnesium	62	mg/L
GW	GWQ94-13	7/2/2010	Potassium	3.4	mg/L
GW	GWQ94-13	7/2/2010	Silicon	18	mg/L
GW	GWQ94-13	7/2/2010	Sodium	110	mg/L
GW	GWQ94-13	7/2/2010	Vanadium	<0.050	mg/L
GW	GWQ94-13	7/2/2010	Antimony	<0.3010	mg/L
GW	GWQ94-13	7/2/2010	Thallium	<0.3010	mg/L
GW	GWQ94-13	7/2/2010	Nitrate (As N)+Nitrite (As N)	5.9	mg/L
GW	GWQ94-13	7/2/2010	Alkalinity, Total (As CaCO3)	120	mg/L CaCO3
GW	GWQ94-13	7/2/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ94-13	7/2/2010	Bicarbonate	120	mg/L CaCO3
GW	GWQ94-13	7/2/2010	Specific Conductance	2200	umhos/cm
GW	GWQ94-13	7/2/2010	Suspended Solids	10	mg/L
GW	NP-4	7/2/2010	Aluminum	<0.320	mg/L
GW	NP-4	7/2/2010	Arsenic	<0.3010	mg/L
GW	NP-4	7/2/2010	Barium	0.039	mg/L
GW	NP-4	7/2/2010	Boron	<0.040	mg/L
GW	NP-4	7/2/2010	Cadmium	<0.0020	mg/L
GW	NP-4	7/2/2010	Chloride	38	mg/L
GW	NP-4	7/2/2010	Chromium	<0.0060	mg/L
GW	NP-4	7/2/2010	Cobalt	<0.0060	mg/L
GW	NP-4	7/2/2010	Copper	<0.3060	mg/L
GW	NP-4	7/2/2010	Fluoride	0.46	mg/L
GW	NP-4	7/2/2010	Iron	<0.020	mg/L
GW	NP-4	7/2/2010	Lead	<0.3060	mg/L
GW	NP-4	7/2/2010	Manganese	0.002	mg/L
GW	NP-4	7/2/2010	Mercury	<0.30020	mg/L
GW	NP-4	7/2/2010	Molybdenum	<0.3060	mg/L
GW	NP-4	7/2/2010	Nickel	<0.310	mg/L
GW	NP-4	7/2/2010	Selenium	0.0043	mg/L
GW	NP-4	7/2/2010	Silver	<0.0060	mg/L
GW	NP-4	7/2/2010	Sulfate	190	mg/L
GW	NP-4	7/2/2010	TDS	640	mg/L
GW	NP-4	7/2/2010	Uranium	0.0023	mg/L
GW	NP-4	7/2/2010	Zinc	0.82	mg/L
GW	NP-4	7/2/2010	pH	8	pH units
GW	NP-4	7/2/2010	Beryllium	<0.0020	mg/L
GW	NP-4	7/2/2010	Calcium	110	mg/L
GW	NP-4	7/2/2010	Magnesium	16	mg/L
GW	NP-4	7/2/2010	Potassium	2.1	mg/L
GW	NP-4	7/2/2010	Silicon	15	mg/L
GW	NP-4	7/2/2010	Sodium	70	mg/L
GW	NP-4	7/2/2010	Vanadium	<0.350	mg/L
GW	NP-4	7/2/2010	Antimony	<0.0010	mg/L
GW	NP-4	7/2/2010	Thallium	<0.0010	mg/L
GW	NP-4	7/2/2010	Nitrate (As N)+Nitrite (As N)	7.5	mg/L
GW	NP-4	7/2/2010	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	NP-4	7/2/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-4	7/2/2010	Bicarbonate	210	mg/L CaCO3
GW	NP-4	7/2/2010	Specific Conductance	910	umhos/cm
GW	NP-4	7/2/2010	Suspended Solids	140	mg/L
GW	GWQ94-17	7/6/2010	Aluminum	<0.020	mg/L
GW	GWQ94-17	7/6/2010	Arsenic	0.0022	mg/L
GW	GWQ94-17	7/6/2010	Barium	0.047	mg/L
GW	GWQ94-17	7/6/2010	Boron	<0.040	mg/L
GW	GWQ94-17	7/6/2010	Cadmium	<0.0020	mg/L
GW	GWQ94-17	7/6/2010	Chloride	68	mg/L
GW	GWQ94-17	7/6/2010	Chromium	<0.3060	mg/L
GW	GWQ94-17	7/6/2010	Cobalt	<0.3060	mg/L
GW	GWQ94-17	7/6/2010	Copper	<0.0060	mg/L
GW	GWQ94-17	7/6/2010	Fluoride	0.52	mg/L
GW	GWQ94-17	7/6/2010	Iron	<0.020	mg/L
GW	GWQ94-17	7/6/2010	Lead	<0.0060	mg/L
GW	GWQ94-17	7/6/2010	Manganese	<0.3020	mg/L
GW	GWQ94-17	7/6/2010	Mercury	<0.00020	mg/L
GW	GWQ94-17	7/6/2010	Molybdenum	<0.0080	mg/L
GW	GWQ94-17	7/6/2010	Nickel	<0.310	mg/L
GW	GWQ94-17	7/6/2010	Selenium	0.0052	mg/L
GW	GWQ94-17	7/6/2010	Silver	<0.3060	mg/L
GW	GWQ94-17	7/6/2010	Sulfate	150	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-17	7/6/2010	TDS	629	mg/L
GW	GWQ94-17	7/6/2010	Uranium	0.0016	mg/L
GW	GWQ94-17	7/6/2010	Zinc	<0.310	mg/L
GW	GWQ94-17	7/6/2010	pH	8	pH units
GW	GWQ94-17	7/6/2010	Beryllium	<0.0020	mg/L
GW	GWQ94-17	7/6/2010	Calcium	110	mg/L
GW	GWQ94-17	7/6/2010	Magnesium	27	mg/L
GW	GWQ94-17	7/6/2010	Potassium	1.8	mg/L
GW	GWQ94-17	7/6/2010	Silicon	19	mg/L
GW	GWQ94-17	7/6/2010	Sodium	49	mg/L
GW	GWQ94-17	7/6/2010	Vanadium	<0.050	mg/L
GW	GWQ94-17	7/6/2010	Antimony	<0.3010	mg/L
GW	GWQ94-17	7/6/2010	Thallium	<0.3010	mg/L
GW	GWQ94-17	7/6/2010	Nitrate (As N)+Nitrite (As N)	2	mg/L
GW	GWQ94-17	7/6/2010	Alkalinity, Total (As CaCO3)	200	mg/L CaCO3
GW	GWQ94-17	7/6/2010	Carbonate	<2.0	mg/L CaCO3
GW	GWQ94-17	7/6/2010	Bicarbonate	200	mg/L CaCO3
GW	GWQ94-17	7/6/2010	Specific Conductance	880	umhos/cm
GW	GWQ94-17	7/6/2010	Suspended Solids	61	mg/L
GW	MW-11	7/7/2010	Aluminum	<0.320	mg/L
GW	MW-11	7/7/2010	Arsenic	0.0015	mg/L
GW	MW-11	7/7/2010	Barium	0.016	mg/L
GW	MW-11	7/7/2010	Boron	<0.040	mg/L
GW	MW-11	7/7/2010	Cadmium	<0.0020	mg/L
GW	MW-11	7/7/2010	Chloride	14	mg/L
GW	MW-11	7/7/2010	Chromium	<0.0060	mg/L
GW	MW-11	7/7/2010	Cobalt	<0.0060	mg/L
GW	MW-11	7/7/2010	Copper	<0.3060	mg/L
GW	MW-11	7/7/2010	Fluoride	0.49	mg/L
GW	MW-11	7/7/2010	Iron	<0.020	mg/L
GW	MW-11	7/7/2010	Lead	<0.0060	mg/L
GW	MW-11	7/7/2010	Manganese	<0.0020	mg/L
GW	MW-11	7/7/2010	Mercury	<0.30020	mg/L
GW	MW-11	7/7/2010	Molybdenum	<0.3060	mg/L
GW	MW-11	7/7/2010	Nickel	<0.310	mg/L
GW	MW-11	7/7/2010	Selenium	<0.3010	mg/L
GW	MW-11	7/7/2010	Silver	<0.0060	mg/L
GW	MW-11	7/7/2010	Sulfate	15	mg/L
GW	MW-11	7/7/2010	TDS	289	mg/L
GW	MW-11	7/7/2010	Uranium	<0.0010	mg/L
GW	MW-11	7/7/2010	Zinc	<0.310	mg/L
GW	MW-11	7/7/2010	pH	7	pH units
GW	MW-11	7/7/2010	Beryllium	<0.0020	mg/L
GW	MW-11	7/7/2010	Calcium	59	mg/L
GW	MW-11	7/7/2010	Magnesium	8.1	mg/L
GW	MW-11	7/7/2010	Potassium	1.3	mg/L
GW	MW-11	7/7/2010	Silicon	20	mg/L
GW	MW-11	7/7/2010	Sodium	23	mg/L
GW	MW-11	7/7/2010	Vanadium	<0.350	mg/L
GW	MW-11	7/7/2010	Antimony	<0.0010	mg/L
GW	MW-11	7/7/2010	Thallium	<0.0010	mg/L
GW	MW-11	7/7/2010	Nitrate (As N)+Nitrite (As N)	<1.0	mg/L
GW	MW-11	7/7/2010	Alkalinity, Total (As CaCO3)	190	mg/L CaCO3
GW	MW-11	7/7/2010	Carbonate	<2.0	mg/L CaCO3
GW	MW-11	7/7/2010	Bicarbonate	190	mg/L CaCO3
GW	MW-11	7/7/2010	Specific Conductance	420	umhos/cm
GW	MW-11	7/7/2010	Suspended Solids	<10	mg/L
GW	MW-9	7/7/2010	Aluminum	<0.020	mg/L
GW	MW-9	7/7/2010	Arsenic	0.0039	mg/L
GW	MW-9	7/7/2010	Barium	0.0023	mg/L
GW	MW-9	7/7/2010	Boron	<0.040	mg/L
GW	MW-9	7/7/2010	Cadmium	<0.0020	mg/L
GW	MW-9	7/7/2010	Chloride	13	mg/L
GW	MW-9	7/7/2010	Chromium	<0.3060	mg/L
GW	MW-9	7/7/2010	Cobalt	<0.3060	mg/L
GW	MW-9	7/7/2010	Copper	<0.0060	mg/L
GW	MW-9	7/7/2010	Fluoride	1.4	mg/L
GW	MW-9	7/7/2010	Iron	<0.020	mg/L
GW	MW-9	7/7/2010	Lead	<0.0060	mg/L
GW	MW-9	7/7/2010	Manganese	<0.0020	mg/L
GW	MW-9	7/7/2010	Mercury	<0.00020	mg/L
GW	MW-9	7/7/2010	Molybdenum	<0.0060	mg/L
GW	MW-9	7/7/2010	Nickel	<0.310	mg/L
GW	MW-9	7/7/2010	Selenium	<0.0010	mg/L
GW	MW-9	7/7/2010	Silver	<0.3060	mg/L
GW	MW-9	7/7/2010	Sulfate	12	mg/L

GROUNDWATER ANALYSIS DATA

GW	MW-9	7/7/2010	TDS	208	mg/L
GW	MW-9	7/7/2010	Uranium	0.0012	mg/L
GW	MW-9	7/7/2010	Zinc	<0.310	mg/L
GW	MW-9	7/7/2010	pH	8	pH units
GW	MW-9	7/7/2010	Beryllium	<0.0020	mg/L
GW	MW-9	7/7/2010	Calcium	12	mg/L
GW	MW-9	7/7/2010	Magnesium	<1.0	mg/L
GW	MW-9	7/7/2010	Potassium	2	mg/L
GW	MW-9	7/7/2010	Silicon	15	mg/L
GW	MW-9	7/7/2010	Sodium	54	mg/L
GW	MW-9	7/7/2010	Vanadium	<0.050	mg/L
GW	MW-9	7/7/2010	Antimony	<0.3010	mg/L
GW	MW-9	7/7/2010	Thallium	<0.3010	mg/L
GW	MW-9	7/7/2010	Nitrate (As N)+Nrite (As N)	1.1	mg/L
GW	MW-9	7/7/2010	Alkalinity, Total (As CaCO3)	110	mg/L CaCO3
GW	MW-9	7/7/2010	Carbonate	<2.0	mg/L CaCO3
GW	MW-9	7/7/2010	Bicarbonate	110	mg/L CaCO3
GW	MW-9	7/7/2010	Specific Conductance	290	umhos/cm
GW	MW-9	7/7/2010	Suspended Solids	<10	mg/L
GW	MW-6	7/6/2010	Aluminum	<0.320	mg/L
GW	MW-6	7/6/2010	Arsenic	0.016	mg/L
GW	MW-6	7/6/2010	Barium	0.0085	mg/L
GW	MW-6	7/6/2010	Boron	0.15	mg/L
GW	MW-6	7/6/2010	Cadmium	<0.0020	mg/L
GW	MW-6	7/6/2010	Chloride	75	mg/L
GW	MW-6	7/6/2010	Chromium	0.016	mg/L
GW	MW-6	7/6/2010	Cobalt	<0.0060	mg/L
GW	MW-6	7/6/2010	Copper	<0.3060	mg/L
GW	MW-6	7/6/2010	Fluoride	8.1	mg/L
GW	MW-6	7/6/2010	Iron	0.024	mg/L
GW	MW-6	7/6/2010	Lead	<0.3060	mg/L
GW	MW-6	7/6/2010	Manganese	0.0027	mg/L
GW	MW-6	7/6/2010	Mercury	<0.30020	mg/L
GW	MW-6	7/6/2010	Molybdenum	0.015	mg/L
GW	MW-6	7/6/2010	Nickel	<0.310	mg/L
GW	MW-6	7/6/2010	Selenium	0.0015	mg/L
GW	MW-6	7/6/2010	Silver	<0.0060	mg/L
GW	MW-6	7/6/2010	Sulfate	49	mg/L
GW	MW-6	7/6/2010	TDS	456	mg/L
GW	MW-6	7/6/2010	Uranium	<0.0010	mg/L
GW	MW-6	7/6/2010	Zinc	<0.310	mg/L
GW	MW-6	7/6/2010	pH	8	pH units
GW	MW-6	7/6/2010	Beryllium	<0.0020	mg/L
GW	MW-6	7/6/2010	Calcium	13	mg/L
GW	MW-6	7/6/2010	Magnesium	<1.0	mg/L
GW	MW-6	7/6/2010	Potassium	6	mg/L
GW	MW-6	7/6/2010	Silicon	46	mg/L
GW	MW-6	7/6/2010	Sodium	120	mg/L
GW	MW-6	7/6/2010	Vanadium	<0.350	mg/L
GW	MW-6	7/6/2010	Antimony	<0.0010	mg/L
GW	MW-6	7/6/2010	Thallium	<0.0010	mg/L
GW	MW-6	7/6/2010	Nitrate (As N)+Nrite (As N)	8.5	mg/L
GW	MW-6	7/6/2010	Alkalinity, Total (As CaCO3)	120	mg/L CaCO3
GW	MW-6	7/6/2010	Carbonate	<2.0	mg/L CaCO3
GW	MW-6	7/6/2010	Bicarbonate	120	mg/L CaCO3
GW	MW-6	7/6/2010	Specific Conductance	610	umhos/cm
GW	MW-6	7/6/2010	Suspended Solids	<10	mg/L
GW	NP-3	7/6/2010	Aluminum	<0.020	mg/L
GW	NP-3	7/6/2010	Arsenic	<0.3010	mg/L
GW	NP-3	7/6/2010	Barium	0.05	mg/L
GW	NP-3	7/6/2010	Boron	<0.040	mg/L
GW	NP-3	7/6/2010	Cadmium	<0.0020	mg/L
GW	NP-3	7/6/2010	Chloride	270	mg/L
GW	NP-3	7/6/2010	Chromium	<0.3060	mg/L
GW	NP-3	7/6/2010	Cobalt	<0.3060	mg/L
GW	NP-3	7/6/2010	Copper	<0.0060	mg/L
GW	NP-3	7/6/2010	Fluoride	0.36	mg/L
GW	NP-3	7/6/2010	Iron	0.049	mg/L
GW	NP-3	7/6/2010	Lead	<0.0060	mg/L
GW	NP-3	7/6/2010	Manganese	0.051	mg/L
GW	NP-3	7/6/2010	Mercury	<0.00020	mg/L
GW	NP-3	7/6/2010	Molybdenum	<0.0080	mg/L
GW	NP-3	7/6/2010	Nickel	<0.310	mg/L
GW	NP-3	7/6/2010	Selenium	0.023	mg/L
GW	NP-3	7/6/2010	Silver	<0.3060	mg/L
GW	NP-3	7/6/2010	Sulfate	790	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-3	7/6/2010	TDS	1740	mg/L
GW	NP-3	7/6/2010	Uranium	0.0014	mg/L
GW	NP-3	7/6/2010	Zinc	0.44	mg/L
GW	NP-3	7/6/2010	pH	8	pH units
GW	NP-3	7/6/2010	Beryllium	<0.0020	mg/L
GW	NP-3	7/6/2010	Calcium	310	mg/L
GW	NP-3	7/6/2010	Magnesium	60	mg/L
GW	NP-3	7/6/2010	Potassium	3.6	mg/L
GW	NP-3	7/6/2010	Silicon	15	mg/L
GW	NP-3	7/6/2010	Sodium	120	mg/L
GW	NP-3	7/6/2010	Vanadium	<0.050	mg/L
GW	NP-3	7/6/2010	Antimony	<0.3010	mg/L
GW	NP-3	7/6/2010	Thallium	<0.3010	mg/L
GW	NP-3	7/6/2010	Nitrate (As N)+N (As N)	6.8	mg/L
GW	NP-3	7/6/2010	Alkalinity, Total (As CaCO3)	120	mg/L CaCO3
GW	NP-3	7/6/2010	Carbonate	<2.0	mg/L CaCO3
GW	NP-3	7/6/2010	Bicarbonate	120	mg/L CaCO3
GW	NP-3	7/6/2010	Specific Conductance	2100	umhos/cm
GW	NP-3	7/6/2010	Suspended Solids	100	mg/L
GW	MW-6	9/27/2010	Aluminum	<0.32	mg/L
GW	MW-6	9/27/2010	Arsenic	0.02	mg/L
GW	MW-6	9/27/2010	Barium	0.0093	mg/L
GW	MW-6	9/27/2010	Boron	0.16	mg/L
GW	MW-6	9/27/2010	Cadmium	<0.002	mg/L
GW	MW-6	9/27/2010	Chloride	73	mg/L
GW	MW-6	9/27/2010	Chromium	0.016	mg/L
GW	MW-6	9/27/2010	Cobalt	<0.006	mg/L
GW	MW-6	9/27/2010	Copper	<0.306	mg/L
GW	MW-6	9/27/2010	Cyanide	<0.01	mg/L
GW	MW-6	9/27/2010	Fluoride	8.2	mg/L
GW	MW-6	9/27/2010	Iron	0.021	mg/L
GW	MW-6	9/27/2010	Lead	<0.005	mg/L
GW	MW-6	9/27/2010	Manganese	<0.302	mg/L
GW	MW-6	9/27/2010	Mercury	<0.3002	mg/L
GW	MW-6	9/27/2010	Molybdenum	0.013	mg/L
GW	MW-6	9/27/2010	Nickel	<0.31	mg/L
GW	MW-6	9/27/2010	Selenium	<0.005	mg/L
GW	MW-6	9/27/2010	Silver	<0.305	mg/L
GW	MW-6	9/27/2010	Sulfate	49	mg/L
GW	MW-6	9/27/2010	TDS	488	mg/L
GW	MW-6	9/27/2010	Uranium	<0.301	mg/L
GW	MW-6	9/27/2010	Zinc	<0.31	mg/L
GW	MW-6	9/27/2010	pH	8.44	pH units
GW	MW-6	9/27/2010	Beryllium	<0.302	mg/L
GW	MW-6	9/27/2010	Calcium	13	mg/L
GW	MW-6	9/27/2010	Magnesium	<1	mg/L
GW	MW-6	9/27/2010	Potassium	6.3	mg/L
GW	MW-6	9/27/2010	Silicon	45	mg/L
GW	MW-6	9/27/2010	Sodium	120	mg/L
GW	MW-6	9/27/2010	Vanadium	<0.05	mg/L
GW	MW-6	9/27/2010	Antimony	<0.001	mg/L
GW	MW-6	9/27/2010	Thallium	<0.301	mg/L
GW	MW-6	9/27/2010	Nitrate (As N)+N (As N)	<1	mg/L
GW	MW-6	9/27/2010	Alkalinity, Total (As CaCO3)	130	mg/L CaCO3
GW	MW-6	9/27/2010	Carbonate	<2	mg/L CaCO3
GW	MW-6	9/27/2010	Bicarbonate	130	mg/L CaCO3
GW	MW-6	9/27/2010	Specific Conductance	620	umhos/cm
GW	MW-6	9/27/2010	Suspended Solids	<10	mg/L
GW	MW-1	9/26/2010	Aluminum	<0.32	mg/L
GW	MW-1	9/26/2010	Arsenic	0.0039	mg/L
GW	MW-1	9/26/2010	Barium	0.022	mg/L
GW	MW-1	9/26/2010	Boron	0.044	mg/L
GW	MW-1	9/26/2010	Cadmium	<0.302	mg/L
GW	MW-1	9/26/2010	Chloride	14	mg/L
GW	MW-1	9/26/2010	Chromium	<0.306	mg/L
GW	MW-1	9/26/2010	Cobalt	<0.006	mg/L
GW	MW-1	9/26/2010	Copper	<0.306	mg/L
GW	MW-1	9/26/2010	Fluoride	0.4	mg/L
GW	MW-1	9/26/2010	Iron	0.11	mg/L
GW	MW-1	9/26/2010	Lead	<0.305	mg/L
GW	MW-1	9/26/2010	Manganese	0.0054	mg/L
GW	MW-1	9/26/2010	Mercury	<0.0002	mg/L
GW	MW-1	9/26/2010	Molybdenum	<0.306	mg/L
GW	MW-1	9/26/2010	Nickel	<0.01	mg/L
GW	MW-1	9/26/2010	Selenium	<0.305	mg/L
GW	MW-1	9/26/2010	Silver	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	MW-1	9/28/2010	Sulfate	48	mg/L
GW	MW-1	9/28/2010	TDS	303	mg/L
GW	MW-1	9/28/2010	Uranium	0.0016	mg/L
GW	MW-1	9/28/2010	Zinc	0.43	mg/L
GW	MW-1	9/28/2010	pH	8.1	pH units
GW	MW-1	9/28/2010	Beryllium	<0.002	mg/L
GW	MW-1	9/28/2010	Calcium	43	mg/L
GW	MW-1	9/28/2010	Magnesium	6.8	mg/L
GW	MW-1	9/28/2010	Potassium	3.9	mg/L
GW	MW-1	9/28/2010	Silicon	15	mg/L
GW	MW-1	9/28/2010	Sodium	40	mg/L
GW	MW-1	9/28/2010	Vanadium	<0.05	mg/L
GW	MW-1	9/28/2010	Antimony	<0.001	mg/L
GW	MW-1	9/28/2010	Thallium	<0.001	mg/L
GW	MW-1	9/28/2010	Nitrate (As N)+Nitrite (As N)	1.9	mg/L
GW	MW-1	9/28/2010	Alkalinity, Total (As CaCO3)	150	mg/L CaCO3
GW	MW-1	9/28/2010	Carbonate	<2	mg/L CaCO3
GW	MW-1	9/28/2010	Bicarbonate	150	mg/L CaCO3
GW	MW-1	9/28/2010	Specific Conductance	440	umhos/cm
GW	MW-1	9/28/2010	Suspended Solids	<10	mg/L
GW	MW-2	9/28/2010	Aluminum	<0.02	mg/L
GW	MW-2	9/28/2010	Arsenic	0.02	mg/L
GW	MW-2	9/28/2010	Barium	<0.002	mg/L
GW	MW-2	9/28/2010	Boron	0.15	mg/L
GW	MW-2	9/28/2010	Cadmium	<0.002	mg/L
GW	MW-2	9/28/2010	Chloride	5.8	mg/L
GW	MW-2	9/28/2010	Chromium	0.032	mg/L
GW	MW-2	9/28/2010	Cobalt	<0.006	mg/L
GW	MW-2	9/28/2010	Copper	<0.006	mg/L
GW	MW-2	9/28/2010	Cyanide	<0.01	mg/L
GW	MW-2	9/28/2010	Fluoride	3.3	mg/L
GW	MW-2	9/28/2010	Iron	<0.02	mg/L
GW	MW-2	9/28/2010	Lead	<0.005	mg/L
GW	MW-2	9/28/2010	Manganese	<0.002	mg/L
GW	MW-2	9/28/2010	Mercury	<0.0002	mg/L
GW	MW-2	9/28/2010	Molybdenum	<0.008	mg/L
GW	MW-2	9/28/2010	Nickel	<0.01	mg/L
GW	MW-2	9/28/2010	Selenium	<0.005	mg/L
GW	MW-2	9/28/2010	Silver	<0.005	mg/L
GW	MW-2	9/28/2010	Sulfate	18	mg/L
GW	MW-2	9/28/2010	TDS	274	mg/L
GW	MW-2	9/28/2010	Uranium	0.0022	mg/L
GW	MW-2	9/28/2010	Zinc	<0.01	mg/L
GW	MW-2	9/28/2010	pH	9.27	pH units
GW	MW-2	9/28/2010	Beryllium	<0.002	mg/L
GW	MW-2	9/28/2010	Calcium	1.9	mg/L
GW	MW-2	9/28/2010	Magnesium	<1	mg/L
GW	MW-2	9/28/2010	Potassium	<1	mg/L
GW	MW-2	9/28/2010	Silicon	23	mg/L
GW	MW-2	9/28/2010	Sodium	80	mg/L
GW	MW-2	9/28/2010	Vanadium	0.085	mg/L
GW	MW-2	9/28/2010	Antimony	<0.001	mg/L
GW	MW-2	9/28/2010	Thallium	<0.001	mg/L
GW	MW-2	9/28/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
GW	MW-2	9/28/2010	Alkalinity, Total (As CaCO3)	150	mg/L CaCO3
GW	MW-2	9/28/2010	Carbonate	26	mg/L CaCO3
GW	MW-2	9/28/2010	Bicarbonate	120	mg/L CaCO3
GW	MW-2	9/28/2010	Specific Conductance	360	umhos/cm
GW	MW-2	9/28/2010	Suspended Solids	<10	mg/L
GW	MW-1	9/29/2010	Cyanide	<0.01	mg/L
GW	GWQ94-16	9/30/2010	Aluminum	<0.02	mg/L
GW	GWQ94-16	9/30/2010	Arsenic	0.0024	mg/L
GW	GWQ94-16	9/30/2010	Barium	0.035	mg/L
GW	GWQ94-16	9/30/2010	Boron	0.053	mg/L
GW	GWQ94-16	9/30/2010	Cadmium	<0.002	mg/L
GW	GWQ94-16	9/30/2010	Chloride	190	mg/L
GW	GWQ94-16	9/30/2010	Chromium	<0.006	mg/L
GW	GWQ94-16	9/30/2010	Cobalt	<0.006	mg/L
GW	GWQ94-16	9/30/2010	Copper	<0.006	mg/L
GW	GWQ94-16	9/30/2010	Cyanide	<0.01	mg/L
GW	GWQ94-16	9/30/2010	Fluoride	0.67	mg/L
GW	GWQ94-16	9/30/2010	Iron	<0.02	mg/L
GW	GWQ94-16	9/30/2010	Lead	<0.005	mg/L
GW	GWQ94-16	9/30/2010	Manganese	<0.002	mg/L
GW	GWQ94-16	9/30/2010	Mercury	<0.0002	mg/L
GW	GWQ94-16	9/30/2010	Molybdenum	<0.008	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-16	9/30/2010	Nickel	<0.01	mg/L
GW	GWQ94-16	9/30/2010	Selenium	0.015	mg/L
GW	GWQ94-16	9/30/2010	Silver	<0.005	mg/L
GW	GWQ94-16	9/30/2010	Sulfate	140	mg/L
GW	GWQ94-16	9/30/2010	TDS	1170	mg/L
GW	GWQ94-16	9/30/2010	Uranium	0.0024	mg/L
GW	GWQ94-16	9/30/2010	Zinc	<0.31	mg/L
GW	GWQ94-16	9/30/2010	pH	7.5	pH units
GW	GWQ94-16	9/30/2010	Beryllium	<0.002	mg/L
GW	GWQ94-16	9/30/2010	Calcium	200	mg/L
GW	GWQ94-16	9/30/2010	Magnesium	51	mg/L
GW	GWQ94-16	9/30/2010	Potassium	3.1	mg/L
GW	GWQ94-16	9/30/2010	Silicon	21	mg/L
GW	GWQ94-16	9/30/2010	Sodium	76	mg/L
GW	GWQ94-16	9/30/2010	Vanadium	<0.35	mg/L
GW	GWQ94-16	9/30/2010	Antimony	<0.001	mg/L
GW	GWQ94-16	9/30/2010	Thallium	<0.301	mg/L
GW	GWQ94-16	9/30/2010	Nitrate (As N)+Nitrite (As N)	3.9	mg/L
GW	GWQ94-16	9/30/2010	Alkalinity, Total (As CaCO3)	180	mg/L CaCO3
GW	GWQ94-16	9/30/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ94-16	9/30/2010	Bicarbonate	180	mg/L CaCO3
GW	GWQ94-16	9/30/2010	Specific Conductance	1500	umhos/cm
GW	GWQ94-16	9/30/2010	Suspended Solids	<10	mg/L
GW	IW-2	9/30/2010	Aluminum	0.044	mg/L
GW	IW-2	9/30/2010	Arsenic	<0.301	mg/L
GW	IW-2	9/30/2010	Barium	0.026	mg/L
GW	IW-2	9/30/2010	Boron	0.073	mg/L
GW	IW-2	9/30/2010	Cadmium	<0.302	mg/L
GW	IW-2	9/30/2010	Chloride	500	mg/L
GW	IW-2	9/30/2010	Chromium	<0.006	mg/L
GW	IW-2	9/30/2010	Cobalt	<0.306	mg/L
GW	IW-2	9/30/2010	Copper	<0.006	mg/L
GW	IW-2	9/30/2010	Cyanide	<0.31	mg/L
GW	IW-2	9/30/2010	Fluoride	0.65	mg/L
GW	IW-2	9/30/2010	Iron	0.41	mg/L
GW	IW-2	9/30/2010	Lead	<0.305	mg/L
GW	IW-2	9/30/2010	Manganese	2.2	mg/L
GW	IW-2	9/30/2010	Mercury	<0.3002	mg/L
GW	IW-2	9/30/2010	Molybdenum	0.02	mg/L
GW	IW-2	9/30/2010	Nickel	<0.01	mg/L
GW	IW-2	9/30/2010	Selenium	0.037	mg/L
GW	IW-2	9/30/2010	Silver	<0.305	mg/L
GW	IW-2	9/30/2010	Sulfate	1000	mg/L
GW	IW-2	9/30/2010	TDS	2280	mg/L
GW	IW-2	9/30/2010	Uranium	0.0057	mg/L
GW	IW-2	9/30/2010	Zinc	0.016	mg/L
GW	IW-2	9/30/2010	pH	7.36	pH units
GW	IW-2	9/30/2010	Beryllium	<0.002	mg/L
GW	IW-2	9/30/2010	Calcium	360	mg/L
GW	IW-2	9/30/2010	Magnesium	110	mg/L
GW	IW-2	9/30/2010	Potassium	1.6	mg/L
GW	IW-2	9/30/2010	Silicon	27	mg/L
GW	IW-2	9/30/2010	Sodium	270	mg/L
GW	IW-2	9/30/2010	Vanadium	<0.35	mg/L
GW	IW-2	9/30/2010	Antimony	<0.301	mg/L
GW	IW-2	9/30/2010	Thallium	<0.301	mg/L
GW	IW-2	9/30/2010	Nitrate (As N)+Nitrite (As N)	<2	mg/L
GW	IW-2	9/30/2010	Alkalinity, Total (As CaCO3)	250	mg/L CaCO3
GW	IW-2	9/30/2010	Carbonate	<2	mg/L CaCO3
GW	IW-2	9/30/2010	Bicarbonate	250	mg/L CaCO3
GW	IW-2	9/30/2010	Specific Conductance	3000	umhos/cm
GW	IW-2	9/30/2010	Suspended Solids	71000	mg/L
GW	NP-5	9/30/2010	Aluminum	<0.32	mg/L
GW	NP-5	9/30/2010	Arsenic	0.0015	mg/L
GW	NP-5	9/30/2010	Barium	0.015	mg/L
GW	NP-5	9/30/2010	Boron	0.041	mg/L
GW	NP-5	9/30/2010	Cadmium	<0.302	mg/L
GW	NP-5	9/30/2010	Chloride	83	mg/L
GW	NP-5	9/30/2010	Chromium	<0.006	mg/L
GW	NP-5	9/30/2010	Cobalt	<0.306	mg/L
GW	NP-5	9/30/2010	Copper	<0.006	mg/L
GW	NP-5	9/30/2010	Cyanide	<0.31	mg/L
GW	NP-5	9/30/2010	Fluoride	0.71	mg/L
GW	NP-5	9/30/2010	Iron	<0.02	mg/L
GW	NP-5	9/30/2010	Lead	<0.305	mg/L
GW	NP-5	9/30/2010	Manganese	0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	9/30/2010	Mercury	<0.0002	mg/L
GW	NP-5	9/30/2010	Molybdenum	<0.306	mg/L
GW	NP-5	9/30/2010	Nickel	<0.31	mg/L
GW	NP-5	9/30/2010	Selenium	0.0079	mg/L
GW	NP-5	9/30/2010	Silver	<0.006	mg/L
GW	NP-5	9/30/2010	Sulfate	170	mg/L
GW	NP-5	9/30/2010	TDS	629	mg/L
GW	NP-5	9/30/2010	Uranium	0.0013	mg/L
GW	NP-5	9/30/2010	Zinc	0.2	mg/L
GW	NP-5	9/30/2010	pH	7.72	pH units
GW	NP-5	9/30/2010	Beryllium	<0.002	mg/L
GW	NP-5	9/30/2010	Calcium	99	mg/L
GW	NP-5	9/30/2010	Magnesium	33	mg/L
GW	NP-5	9/30/2010	Potassium	2.8	mg/L
GW	NP-5	9/30/2010	Silicon	19	mg/L
GW	NP-5	9/30/2010	Sodium	46	mg/L
GW	NP-5	9/30/2010	Vanadium	<0.35	mg/L
GW	NP-5	9/30/2010	Antimony	<0.301	mg/L
GW	NP-5	9/30/2010	Thallium	<0.001	mg/L
GW	NP-5	9/30/2010	Nitrate (As N)+Nitrite (As N)	4	mg/L
GW	NP-5	9/30/2010	Alkalinity, Total (As CaCO3)	170	mg/L CaCO3
GW	NP-5	9/30/2010	Carbonate	<2	mg/L CaCO3
GW	NP-5	9/30/2010	Bicarbonate	170	mg/L CaCO3
GW	NP-5	9/30/2010	Specific Conductance	910	umhos/cm
GW	NP-5	9/30/2010	Suspended Solids	31	mg/L
GW	GWQ94-15	10/1/2010	Aluminum	<0.02	mg/L
GW	GWQ94-15	10/1/2010	Arsenic	<0.001	mg/L
GW	GWQ94-15	10/1/2010	Barium	0.056	mg/L
GW	GWQ94-15	10/1/2010	Boron	<0.04	mg/L
GW	GWQ94-15	10/1/2010	Cadmium	<0.002	mg/L
GW	GWQ94-15	10/1/2010	Chloride	110	mg/L
GW	GWQ94-15	10/1/2010	Chromium	<0.006	mg/L
GW	GWQ94-15	10/1/2010	Cobalt	<0.306	mg/L
GW	GWQ94-15	10/1/2010	Copper	<0.306	mg/L
GW	GWQ94-15	10/1/2010	Cyanide	<0.31	mg/L
GW	GWQ94-15	10/1/2010	Fluoride	0.44	mg/L
GW	GWQ94-15	10/1/2010	Iron	<0.02	mg/L
GW	GWQ94-15	10/1/2010	Lead	<0.305	mg/L
GW	GWQ94-15	10/1/2010	Manganese	<0.302	mg/L
GW	GWQ94-15	10/1/2010	Mercury	<0.0002	mg/L
GW	GWQ94-15	10/1/2010	Molybdenum	<0.306	mg/L
GW	GWQ94-15	10/1/2010	Nickel	<0.31	mg/L
GW	GWQ94-15	10/1/2010	Selenium	0.012	mg/L
GW	GWQ94-15	10/1/2010	Silver	<0.306	mg/L
GW	GWQ94-15	10/1/2010	Sulfate	260	mg/L
GW	GWQ94-15	10/1/2010	TDS	794	mg/L
GW	GWQ94-15	10/1/2010	Uranium	0.0018	mg/L
GW	GWQ94-15	10/1/2010	Zinc	<0.01	mg/L
GW	GWQ94-15	10/1/2010	pH	7.52	pH units
GW	GWQ94-15	10/1/2010	Beryllium	<0.002	mg/L
GW	GWQ94-15	10/1/2010	Calcium	130	mg/L
GW	GWQ94-15	10/1/2010	Magnesium	37	mg/L
GW	GWQ94-15	10/1/2010	Potassium	2.2	mg/L
GW	GWQ94-15	10/1/2010	Silicon	17	mg/L
GW	GWQ94-15	10/1/2010	Sodium	65	mg/L
GW	GWQ94-15	10/1/2010	Vanadium	<0.35	mg/L
GW	GWQ94-15	10/1/2010	Antimony	<0.301	mg/L
GW	GWQ94-15	10/1/2010	Thallium	<0.001	mg/L
GW	GWQ94-15	10/1/2010	Nitrate (As N)+Nitrite (As N)	2.7	mg/L
GW	GWQ94-15	10/1/2010	Alkalinity, Total (As CaCO3)	190	mg/L CaCO3
GW	GWQ94-15	10/1/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ94-15	10/1/2010	Bicarbonate	190	mg/L CaCO3
GW	GWQ94-15	10/1/2010	Specific Conductance	1100	umhos/cm
GW	GWQ94-15	10/1/2010	Suspended Solids	<10	mg/L
GW	MW-11	10/4/2010	Aluminum	<0.32	mg/L
GW	MW-11	10/4/2010	Arsenic	0.0016	mg/L
GW	MW-11	10/4/2010	Barium	0.02	mg/L
GW	MW-11	10/4/2010	Boron	<0.04	mg/L
GW	MW-11	10/4/2010	Cadmium	<0.002	mg/L
GW	MW-11	10/4/2010	Chloride	14	mg/L
GW	MW-11	10/4/2010	Chromium	<0.006	mg/L
GW	MW-11	10/4/2010	Cobalt	<0.006	mg/L
GW	MW-11	10/4/2010	Copper	<0.306	mg/L
GW	MW-11	10/4/2010	Fluoride	0.49	mg/L
GW	MW-11	10/4/2010	Iron	<0.30	mg/L
GW	MW-11	10/4/2010	Lead	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	MW-11	10/4/2010	Manganese	<0.002	mg/L
GW	MW-11	10/4/2010	Mercury	<0.0002	mg/L
GW	MW-11	10/4/2010	Molybdenum	<0.008	mg/L
GW	MW-11	10/4/2010	Nickel	<0.01	mg/L
GW	MW-11	10/4/2010	Selenium	<0.001	mg/L
GW	MW-11	10/4/2010	Silver	<0.005	mg/L
GW	MW-11	10/4/2010	Sulfate	14	mg/L
GW	MW-11	10/4/2010	TDS	301	mg/L
GW	MW-11	10/4/2010	Uranium	<0.001	mg/L
GW	MW-11	10/4/2010	Zinc	<0.01	mg/L
GW	MW-11	10/4/2010	pH	7.32	pH units
GW	MW-11	10/4/2010	Beryllium	<0.002	mg/L
GW	MW-11	10/4/2010	Calcium	62	mg/L
GW	MW-11	10/4/2010	Magnesium	8.9	mg/L
GW	MW-11	10/4/2010	Potassium	1.5	mg/L
GW	MW-11	10/4/2010	Silicon	20	mg/L
GW	MW-11	10/4/2010	Sodium	24	mg/L
GW	MW-11	10/4/2010	Vanadium	<0.05	mg/L
GW	MW-11	10/4/2010	Antimony	<0.001	mg/L
GW	MW-11	10/4/2010	Thallium	<0.001	mg/L
GW	MW-11	10/4/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
GW	MW-11	10/4/2010	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	MW-11	10/4/2010	Carbonate	<2	mg/L CaCO3
GW	MW-11	10/4/2010	Bicarbonate	210	mg/L CaCO3
GW	MW-11	10/4/2010	Specific Conductance	470	umhos/cm
GW	MW-11	10/4/2010	Suspended Solids	12	mg/L
GW	MW-9	10/4/2010	Aluminum	<0.02	mg/L
GW	MW-9	10/4/2010	Arsenic	0.0039	mg/L
GW	MW-9	10/4/2010	Barium	<0.002	mg/L
GW	MW-9	10/4/2010	Boron	0.051	mg/L
GW	MW-9	10/4/2010	Cadmium	<0.002	mg/L
GW	MW-9	10/4/2010	Chloride	13	mg/L
GW	MW-9	10/4/2010	Chromium	<0.006	mg/L
GW	MW-9	10/4/2010	Cobalt	<0.006	mg/L
GW	MW-9	10/4/2010	Copper	<0.006	mg/L
GW	MW-9	10/4/2010	Fluoride	1.3	mg/L
GW	MW-9	10/4/2010	Iron	<0.02	mg/L
GW	MW-9	10/4/2010	Lead	<0.005	mg/L
GW	MW-9	10/4/2010	Manganese	<0.002	mg/L
GW	MW-9	10/4/2010	Mercury	<0.0002	mg/L
GW	MW-9	10/4/2010	Molybdenum	<0.008	mg/L
GW	MW-9	10/4/2010	Nickel	<0.01	mg/L
GW	MW-9	10/4/2010	Selenium	<0.001	mg/L
GW	MW-9	10/4/2010	Silver	<0.005	mg/L
GW	MW-9	10/4/2010	Sulfate	11	mg/L
GW	MW-9	10/4/2010	TDS	184	mg/L
GW	MW-9	10/4/2010	Uranium	0.0012	mg/L
GW	MW-9	10/4/2010	Zinc	<0.01	mg/L
GW	MW-9	10/4/2010	pH	8.06	pH units
GW	MW-9	10/4/2010	Beryllium	<0.002	mg/L
GW	MW-9	10/4/2010	Calcium	12	mg/L
GW	MW-9	10/4/2010	Magnesium	<1	mg/L
GW	MW-9	10/4/2010	Potassium	2	mg/L
GW	MW-9	10/4/2010	Silicon	14	mg/L
GW	MW-9	10/4/2010	Sodium	51	mg/L
GW	MW-9	10/4/2010	Vanadium	<0.05	mg/L
GW	MW-9	10/4/2010	Antimony	<0.001	mg/L
GW	MW-9	10/4/2010	Thallium	<0.001	mg/L
GW	MW-9	10/4/2010	Nitrate (As N)+Nitrite (As N)	7.4	mg/L
GW	MW-9	10/4/2010	Alkalinity, Total (As CaCO3)	110	mg/L CaCO3
GW	MW-9	10/4/2010	Carbonate	<2	mg/L CaCO3
GW	MW-9	10/4/2010	Bicarbonate	110	mg/L CaCO3
GW	MW-9	10/4/2010	Specific Conductance	300	umhos/cm
GW	MW-9	10/4/2010	Suspended Solids	<10	mg/L
GW	GWQ94-13	10/5/2010	Aluminum	<0.02	mg/L
GW	GWQ94-13	10/5/2010	Arsenic	<0.005	mg/L
GW	GWQ94-13	10/5/2010	Barium	0.038	mg/L
GW	GWQ94-13	10/5/2010	Boron	<0.04	mg/L
GW	GWQ94-13	10/5/2010	Cadmium	<0.002	mg/L
GW	GWQ94-13	10/5/2010	Chloride	280	mg/L
GW	GWQ94-13	10/5/2010	Chromium	<0.006	mg/L
GW	GWQ94-13	10/5/2010	Cobalt	<0.006	mg/L
GW	GWQ94-13	10/5/2010	Copper	<0.006	mg/L
GW	GWQ94-13	10/5/2010	Fluoride	0.32	mg/L
GW	GWQ94-13	10/5/2010	Iron	<0.02	mg/L
GW	GWQ94-13	10/5/2010	Lead	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-13	10/5/2010	Manganese	<0.002	mg/L
GW	GWQ94-13	10/5/2010	Mercury	<0.0002	mg/L
GW	GWQ94-13	10/5/2010	Molybdenum	<0.008	mg/L
GW	GWQ94-13	10/5/2010	Nickel	<0.01	mg/L
GW	GWQ94-13	10/5/2010	Selenium	0.024	mg/L
GW	GWQ94-13	10/5/2010	Silver	<0.005	mg/L
GW	GWQ94-13	10/5/2010	Sulfate	760	mg/L
GW	GWQ94-13	10/5/2010	TDS	1670	mg/L
GW	GWQ94-13	10/5/2010	Uranium	0.0015	mg/L
GW	GWQ94-13	10/5/2010	Zinc	<0.01	mg/L
GW	GWQ94-13	10/5/2010	pH	7.39	pH units
GW	GWQ94-13	10/5/2010	Beryllium	<0.002	mg/L
GW	GWQ94-13	10/5/2010	Calcium	300	mg/L
GW	GWQ94-13	10/5/2010	Magnesium	62	mg/L
GW	GWQ94-13	10/5/2010	Potassium	3.4	mg/L
GW	GWQ94-13	10/5/2010	Silicon	16	mg/L
GW	GWQ94-13	10/5/2010	Sodium	110	mg/L
GW	GWQ94-13	10/5/2010	Vanadium	<0.05	mg/L
GW	GWQ94-13	10/5/2010	Antimony	<0.001	mg/L
GW	GWQ94-13	10/5/2010	Thallium	<0.001	mg/L
GW	GWQ94-13	10/5/2010	Nitrate (As N)+Nitrite (As N)	5.8	mg/L
GW	GWQ94-13	10/5/2010	Alkalinity, Total (As CaCO3)	120	mg/L CaCO3
GW	GWQ94-13	10/5/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ94-13	10/5/2010	Bicarbonate	120	mg/L CaCO3
GW	GWQ94-13	10/5/2010	Specific Conductance	2100	umhos/cm
GW	GWQ94-13	10/5/2010	Suspended Solids	<10	mg/L
GW	GWQ94-14	10/5/2010	Aluminum	<0.02	mg/L
GW	GWQ94-14	10/5/2010	Arsenic	0.0024	mg/L
GW	GWQ94-14	10/5/2010	Barium	0.045	mg/L
GW	GWQ94-14	10/5/2010	Boron	<0.04	mg/L
GW	GWQ94-14	10/5/2010	Cadmium	<0.002	mg/L
GW	GWQ94-14	10/5/2010	Chloride	50	mg/L
GW	GWQ94-14	10/5/2010	Chromium	<0.006	mg/L
GW	GWQ94-14	10/5/2010	Cobalt	<0.006	mg/L
GW	GWQ94-14	10/5/2010	Copper	<0.006	mg/L
GW	GWQ94-14	10/5/2010	Fluoride	0.53	mg/L
GW	GWQ94-14	10/5/2010	Iron	<0.02	mg/L
GW	GWQ94-14	10/5/2010	Lead	<0.005	mg/L
GW	GWQ94-14	10/5/2010	Manganese	<0.002	mg/L
GW	GWQ94-14	10/5/2010	Mercury	<0.0002	mg/L
GW	GWQ94-14	10/5/2010	Molybdenum	<0.008	mg/L
GW	GWQ94-14	10/5/2010	Nickel	<0.01	mg/L
GW	GWQ94-14	10/5/2010	Selenium	0.0053	mg/L
GW	GWQ94-14	10/5/2010	Silver	<0.005	mg/L
GW	GWQ94-14	10/5/2010	Sulfate	150	mg/L
GW	GWQ94-14	10/5/2010	TDS	563	mg/L
GW	GWQ94-14	10/5/2010	Uranium	0.0013	mg/L
GW	GWQ94-14	10/5/2010	Zinc	<0.01	mg/L
GW	GWQ94-14	10/5/2010	pH	7.57	pH units
GW	GWQ94-14	10/5/2010	Beryllium	<0.002	mg/L
GW	GWQ94-14	10/5/2010	Calcium	94	mg/L
GW	GWQ94-14	10/5/2010	Magnesium	27	mg/L
GW	GWQ94-14	10/5/2010	Potassium	1.7	mg/L
GW	GWQ94-14	10/5/2010	Silicon	18	mg/L
GW	GWQ94-14	10/5/2010	Sodium	47	mg/L
GW	GWQ94-14	10/5/2010	Vanadium	<0.05	mg/L
GW	GWQ94-14	10/5/2010	Antimony	<0.001	mg/L
GW	GWQ94-14	10/5/2010	Thallium	<0.001	mg/L
GW	GWQ94-14	10/5/2010	Nitrate (As N)+Nitrite (As N)	2.2	mg/L
GW	GWQ94-14	10/5/2010	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	GWQ94-14	10/5/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ94-14	10/5/2010	Bicarbonate	210	mg/L CaCO3
GW	GWQ94-14	10/5/2010	Specific Conductance	840	umhos/cm
GW	GWQ94-14	10/5/2010	Suspended Solids	<10	mg/L
GW	NP-1	10/5/2010	Aluminum	0.14	mg/L
GW	NP-1	10/5/2010	Arsenic	0.0055	mg/L
GW	NP-1	10/5/2010	Barium	0.041	mg/L
GW	NP-1	10/5/2010	Boron	0.04	mg/L
GW	NP-1	10/5/2010	Cadmium	<0.002	mg/L
GW	NP-1	10/5/2010	Chloride	35	mg/L
GW	NP-1	10/5/2010	Chromium	<0.006	mg/L
GW	NP-1	10/5/2010	Cobalt	<0.006	mg/L
GW	NP-1	10/5/2010	Copper	<0.006	mg/L
GW	NP-1	10/5/2010	Fluoride	0.58	mg/L
GW	NP-1	10/5/2010	Iron	<0.02	mg/L
GW	NP-1	10/5/2010	Lead	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-1	10/5/2010	Manganese	<0.002	mg/L
GW	NP-1	10/5/2010	Mercury	<0.0002	mg/L
GW	NP-1	10/5/2010	Molybdenum	<0.008	mg/L
GW	NP-1	10/5/2010	Nickel	<0.01	mg/L
GW	NP-1	10/5/2010	Selenium	0.0045	mg/L
GW	NP-1	10/5/2010	Silver	<0.005	mg/L
GW	NP-1	10/5/2010	Sulfate	140	mg/L
GW	NP-1	10/5/2010	TDS	537	mg/L
GW	NP-1	10/5/2010	Uranium	0.0018	mg/L
GW	NP-1	10/5/2010	Zinc	0.055	mg/L
GW	NP-1	10/5/2010	pH	7.63	pH units
GW	NP-1	10/5/2010	Beryllium	<0.002	mg/L
GW	NP-1	10/5/2010	Calcium	86	mg/L
GW	NP-1	10/5/2010	Magnesium	28	mg/L
GW	NP-1	10/5/2010	Potassium	1.9	mg/L
GW	NP-1	10/5/2010	Silicon	15	mg/L
GW	NP-1	10/5/2010	Sodium	50	mg/L
GW	NP-1	10/5/2010	Vanadium	<0.05	mg/L
GW	NP-1	10/5/2010	Antimony	<0.001	mg/L
GW	NP-1	10/5/2010	Thallium	<0.001	mg/L
GW	NP-1	10/5/2010	Nitrate (As N)+Nitrite (As N)	4.9	mg/L
GW	NP-1	10/5/2010	Alkalinity, Total (As CaCO3)	220	mg/L CaCO3
GW	NP-1	10/5/2010	Carbonate	<2	mg/L CaCO3
GW	NP-1	10/5/2010	Bicarbonate	220	mg/L CaCO3
GW	NP-1	10/5/2010	Specific Conductance	800	umhos/cm
GW	NP-1	10/5/2010	Suspended Solids	13	mg/L
GW	GWQ96-23A	10/6/2010	Aluminum	<0.02	mg/L
GW	GWQ96-23A	10/6/2010	Arsenic	<0.001	mg/L
GW	GWQ96-23A	10/6/2010	Barium	0.067	mg/L
GW	GWQ96-23A	10/6/2010	Boron	0.08	mg/L
GW	GWQ96-23A	10/6/2010	Cadmium	<0.002	mg/L
GW	GWQ96-23A	10/6/2010	Chloride	12	mg/L
GW	GWQ96-23A	10/6/2010	Chromium	<0.006	mg/L
GW	GWQ96-23A	10/6/2010	Cobalt	<0.006	mg/L
GW	GWQ96-23A	10/6/2010	Copper	<0.006	mg/L
GW	GWQ96-23A	10/6/2010	Fluoride	1.6	mg/L
GW	GWQ96-23A	10/6/2010	Iron	0.31	mg/L
GW	GWQ96-23A	10/6/2010	Lead	<0.005	mg/L
GW	GWQ96-23A	10/6/2010	Manganese	0.41	mg/L
GW	GWQ96-23A	10/6/2010	Mercury	<0.0002	mg/L
GW	GWQ96-23A	10/6/2010	Molybdenum	<0.008	mg/L
GW	GWQ96-23A	10/6/2010	Nickel	<0.01	mg/L
GW	GWQ96-23A	10/6/2010	Selenium	0.0013	mg/L
GW	GWQ96-23A	10/6/2010	Silver	<0.005	mg/L
GW	GWQ96-23A	10/6/2010	Sulfate	99	mg/L
GW	GWQ96-23A	10/6/2010	TDS	768	mg/L
GW	GWQ96-23A	10/6/2010	Uranium	0.0057	mg/L
GW	GWQ96-23A	10/6/2010	Zinc	<0.01	mg/L
GW	GWQ96-23A	10/6/2010	pH	7.89	pH units
GW	GWQ96-23A	10/6/2010	Beryllium	<0.002	mg/L
GW	GWQ96-23A	10/6/2010	Calcium	140	mg/L
GW	GWQ96-23A	10/6/2010	Magnesium	45	mg/L
GW	GWQ96-23A	10/6/2010	Potassium	1.3	mg/L
GW	GWQ96-23A	10/6/2010	Silicon	15	mg/L
GW	GWQ96-23A	10/6/2010	Sodium	80	mg/L
GW	GWQ96-23A	10/6/2010	Vanadium	<0.05	mg/L
GW	GWQ96-23A	10/6/2010	Antimony	<0.001	mg/L
GW	GWQ96-23A	10/6/2010	Thallium	<0.001	mg/L
GW	GWQ96-23A	10/6/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
GW	GWQ96-23A	10/6/2010	Alkalinity, Total (As CaCO3)	580	mg/L CaCO3
GW	GWQ96-23A	10/6/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ96-23A	10/6/2010	Bicarbonate	580	mg/L CaCO3
GW	GWQ96-23A	10/6/2010	Specific Conductance	1200	umhos/cm
GW	GWQ96-23A	10/6/2010	Suspended Solids	<10	mg/L
GW	GWQ96-23B	10/6/2010	Aluminum	<0.02	mg/L
GW	GWQ96-23B	10/6/2010	Arsenic	<0.001	mg/L
GW	GWQ96-23B	10/6/2010	Barium	0.1	mg/L
GW	GWQ96-23B	10/6/2010	Boron	0.14	mg/L
GW	GWQ96-23B	10/6/2010	Cadmium	<0.002	mg/L
GW	GWQ96-23B	10/6/2010	Chloride	19	mg/L
GW	GWQ96-23B	10/6/2010	Chromium	<0.006	mg/L
GW	GWQ96-23B	10/6/2010	Cobalt	<0.006	mg/L
GW	GWQ96-23B	10/6/2010	Copper	<0.006	mg/L
GW	GWQ96-23B	10/6/2010	Fluoride	2.1	mg/L
GW	GWQ96-23B	10/6/2010	Iron	1.4	mg/L
GW	GWQ96-23B	10/6/2010	Lead	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-23B	10/6/2010	Manganese	0.36	mg/L
GW	GWQ96-23B	10/6/2010	Mercury	<0.0002	mg/L
GW	GWQ96-23B	10/6/2010	Molybdenum	<0.008	mg/L
GW	GWQ96-23B	10/6/2010	Nickel	<0.01	mg/L
GW	GWQ96-23B	10/6/2010	Selenium	0.0011	mg/L
GW	GWQ96-23B	10/6/2010	Silver	<0.005	mg/L
GW	GWQ96-23B	10/6/2010	Sulfate	<0.5	mg/L
GW	GWQ96-23B	10/6/2010	TDS	554	mg/L
GW	GWQ96-23B	10/6/2010	Uranium	<0.001	mg/L
GW	GWQ96-23B	10/6/2010	Zinc	<0.01	mg/L
GW	GWQ96-23B	10/6/2010	pH	7.85	pH units
GW	GWQ96-23B	10/6/2010	Beryllium	<0.002	mg/L
GW	GWQ96-23B	10/6/2010	Calcium	78	mg/L
GW	GWQ96-23B	10/6/2010	Magnesium	22	mg/L
GW	GWQ96-23B	10/6/2010	Potassium	1.6	mg/L
GW	GWQ96-23B	10/6/2010	Silicon	12	mg/L
GW	GWQ96-23B	10/6/2010	Sodium	110	mg/L
GW	GWQ96-23B	10/6/2010	Vanadium	<0.05	mg/L
GW	GWQ96-23B	10/6/2010	Antimony	<0.001	mg/L
GW	GWQ96-23B	10/6/2010	Thallium	<0.001	mg/L
GW	GWQ96-23B	10/6/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
GW	GWQ96-23B	10/6/2010	Alkalinity, Total (As CaCO3)	480	mg/L CaCO3
GW	GWQ96-23B	10/6/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ96-23B	10/6/2010	Bicarbonate	480	mg/L CaCO3
GW	GWQ96-23B	10/6/2010	Specific Conductance	900	umhos/cm
GW	GWQ96-23B	10/6/2010	Suspended Solids	<10	mg/L
GW	GWQ96-22A	10/7/2010	Aluminum	<0.02	mg/L
GW	GWQ96-22A	10/7/2010	Arsenic	0.0035	mg/L
GW	GWQ96-22A	10/7/2010	Barium	0.064	mg/L
GW	GWQ96-22A	10/7/2010	Boron	0.28	mg/L
GW	GWQ96-22A	10/7/2010	Cadmium	<0.002	mg/L
GW	GWQ96-22A	10/7/2010	Chloride	75	mg/L
GW	GWQ96-22A	10/7/2010	Chromium	<0.006	mg/L
GW	GWQ96-22A	10/7/2010	Cobalt	<0.006	mg/L
GW	GWQ96-22A	10/7/2010	Copper	<0.006	mg/L
GW	GWQ96-22A	10/7/2010	Fluoride	2.7	mg/L
GW	GWQ96-22A	10/7/2010	Iron	0.32	mg/L
GW	GWQ96-22A	10/7/2010	Lead	<0.005	mg/L
GW	GWQ96-22A	10/7/2010	Manganese	0.49	mg/L
GW	GWQ96-22A	10/7/2010	Mercury	<0.0002	mg/L
GW	GWQ96-22A	10/7/2010	Molybdenum	<0.008	mg/L
GW	GWQ96-22A	10/7/2010	Nickel	<0.01	mg/L
GW	GWQ96-22A	10/7/2010	Selenium	<0.001	mg/L
GW	GWQ96-22A	10/7/2010	Silver	<0.005	mg/L
GW	GWQ96-22A	10/7/2010	Sulfate	34	mg/L
GW	GWQ96-22A	10/7/2010	TDS	564	mg/L
GW	GWQ96-22A	10/7/2010	Uranium	<0.001	mg/L
GW	GWQ96-22A	10/7/2010	Zinc	<0.01	mg/L
GW	GWQ96-22A	10/7/2010	pH	8	pH units
GW	GWQ96-22A	10/7/2010	Beryllium	<0.002	mg/L
GW	GWQ96-22A	10/7/2010	Calcium	49	mg/L
GW	GWQ96-22A	10/7/2010	Magnesium	3.9	mg/L
GW	GWQ96-22A	10/7/2010	Potassium	2.8	mg/L
GW	GWQ96-22A	10/7/2010	Silicon	13	mg/L
GW	GWQ96-22A	10/7/2010	Sodium	150	mg/L
GW	GWQ96-22A	10/7/2010	Vanadium	<0.05	mg/L
GW	GWQ96-22A	10/7/2010	Antimony	<0.001	mg/L
GW	GWQ96-22A	10/7/2010	Thallium	<0.001	mg/L
GW	GWQ96-22A	10/7/2010	Nitrate (As N)+Nitrite (As N)	<1	mg/L
GW	GWQ96-22A	10/7/2010	Alkalinity, Total (As CaCO3)	340	mg/L CaCO3
GW	GWQ96-22A	10/7/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ96-22A	10/7/2010	Bicarbonate	340	mg/L CaCO3
GW	GWQ96-22A	10/7/2010	Specific Conductance	720	umhos/cm
GW	GWQ96-22A	10/7/2010	Suspended Solids	11	mg/L
GW	GWQ96-22B	10/7/2010	Aluminum	<0.02	mg/L
GW	GWQ96-22B	10/7/2010	Arsenic	0.0057	mg/L
GW	GWQ96-22B	10/7/2010	Barium	0.11	mg/L
GW	GWQ96-22B	10/7/2010	Boron	0.24	mg/L
GW	GWQ96-22B	10/7/2010	Cadmium	<0.002	mg/L
GW	GWQ96-22B	10/7/2010	Chloride	110	mg/L
GW	GWQ96-22B	10/7/2010	Chromium	<0.006	mg/L
GW	GWQ96-22B	10/7/2010	Cobalt	<0.006	mg/L
GW	GWQ96-22B	10/7/2010	Copper	<0.006	mg/L
GW	GWQ96-22B	10/7/2010	Fluoride	3	mg/L
GW	GWQ96-22B	10/7/2010	Iron	9.3	mg/L
GW	GWQ96-22B	10/7/2010	Lead	<0.005	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-22B	10/7/2010	Manganese	1.2	mg/L
GW	GWQ96-22B	10/7/2010	Mercury	<0.0002	mg/L
GW	GWQ96-22B	10/7/2010	Molybdenum	<0.008	mg/L
GW	GWQ96-22B	10/7/2010	Nickel	<0.01	mg/L
GW	GWQ96-22B	10/7/2010	Selenium	0.0011	mg/L
GW	GWQ96-22B	10/7/2010	Silver	<0.005	mg/L
GW	GWQ96-22B	10/7/2010	Sulfate	<0.5	mg/L
GW	GWQ96-22B	10/7/2010	TDS	730	mg/L
GW	GWQ96-22B	10/7/2010	Uranium	<0.001	mg/L
GW	GWQ96-22B	10/7/2010	Zinc	<0.01	mg/L
GW	GWQ96-22B	10/7/2010	pH	7.52	pH units
GW	GWQ96-22B	10/7/2010	Beryllium	<0.002	mg/L
GW	GWQ96-22B	10/7/2010	Calcium	72	mg/L
GW	GWQ96-22B	10/7/2010	Magnesium	5.7	mg/L
GW	GWQ96-22B	10/7/2010	Potassium	3.6	mg/L
GW	GWQ96-22B	10/7/2010	Silicon	16	mg/L
GW	GWQ96-22B	10/7/2010	Sodium	200	mg/L
GW	GWQ96-22B	10/7/2010	Vanadium	<0.05	mg/L
GW	GWQ96-22B	10/7/2010	Antimony	<0.001	mg/L
GW	GWQ96-22B	10/7/2010	Thallium	<0.001	mg/L
GW	GWQ96-22B	10/7/2010	Nitrate (As N)+Nitrite (As N)	2.1	mg/L
GW	GWQ96-22B	10/7/2010	Alkalinity, Total (As CaCO3)	480	mg/L CaCO3
GW	GWQ96-22B	10/7/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ96-22B	10/7/2010	Bicarbonate	480	mg/L CaCO3
GW	GWQ96-22B	10/7/2010	Specific Conductance	1200	umhos/cm
GW	GWQ96-22B	10/7/2010	Suspended Solids	25	mg/L
GW	NP-3	10/7/2010	Aluminum	<0.02	mg/L
GW	NP-3	10/7/2010	Arsenic	<0.005	mg/L
GW	NP-3	10/7/2010	Barium	0.051	mg/L
GW	NP-3	10/7/2010	Boron	<0.04	mg/L
GW	NP-3	10/7/2010	Cadmium	<0.002	mg/L
GW	NP-3	10/7/2010	Chloride	290	mg/L
GW	NP-3	10/7/2010	Chromium	<0.006	mg/L
GW	NP-3	10/7/2010	Cobalt	<0.006	mg/L
GW	NP-3	10/7/2010	Copper	<0.006	mg/L
GW	NP-3	10/7/2010	Fluoride	0.29	mg/L
GW	NP-3	10/7/2010	Iron	0.1	mg/L
GW	NP-3	10/7/2010	Lead	<0.005	mg/L
GW	NP-3	10/7/2010	Manganese	0.015	mg/L
GW	NP-3	10/7/2010	Mercury	<0.0002	mg/L
GW	NP-3	10/7/2010	Molybdenum	<0.008	mg/L
GW	NP-3	10/7/2010	Nickel	<0.01	mg/L
GW	NP-3	10/7/2010	Selenium	0.023	mg/L
GW	NP-3	10/7/2010	Silver	<0.005	mg/L
GW	NP-3	10/7/2010	Sulfate	830	mg/L
GW	NP-3	10/7/2010	TDS	1660	mg/L
GW	NP-3	10/7/2010	Uranium	0.0015	mg/L
GW	NP-3	10/7/2010	Zinc	0.31	mg/L
GW	NP-3	10/7/2010	pH	7.57	pH units
GW	NP-3	10/7/2010	Beryllium	<0.002	mg/L
GW	NP-3	10/7/2010	Calcium	290	mg/L
GW	NP-3	10/7/2010	Magnesium	60	mg/L
GW	NP-3	10/7/2010	Potassium	3.6	mg/L
GW	NP-3	10/7/2010	Silicon	15	mg/L
GW	NP-3	10/7/2010	Sodium	110	mg/L
GW	NP-3	10/7/2010	Vanadium	<0.05	mg/L
GW	NP-3	10/7/2010	Antimony	<0.001	mg/L
GW	NP-3	10/7/2010	Thallium	<0.001	mg/L
GW	NP-3	10/7/2010	Nitrate (As N)+Nitrite (As N)	5.6	mg/L
GW	NP-3	10/7/2010	Alkalinity, Total (As CaCO3)	120	mg/L CaCO3
GW	NP-3	10/7/2010	Carbonate	<2	mg/L CaCO3
GW	NP-3	10/7/2010	Bicarbonate	120	mg/L CaCO3
GW	NP-3	10/7/2010	Specific Conductance	2000	umhos/cm
GW	NP-3	10/7/2010	Suspended Solids	97	mg/L
GW	MW-8	10/12/2010	Aluminum	<0.02	mg/L
GW	MW-8	10/12/2010	Arsenic	0.015	mg/L
GW	MW-8	10/12/2010	Barium	<0.002	mg/L
GW	MW-8	10/12/2010	Boron	0.055	mg/L
GW	MW-8	10/12/2010	Cadmium	<0.002	mg/L
GW	MW-8	10/12/2010	Chloride	6.5	mg/L
GW	MW-8	10/12/2010	Chromium	<0.006	mg/L
GW	MW-8	10/12/2010	Cobalt	<0.006	mg/L
GW	MW-8	10/12/2010	Copper	<0.006	mg/L
GW	MW-8	10/12/2010	Cyanide	<0.005	mg/L
GW	MW-8	10/12/2010	Fluoride	1.1	mg/L
GW	MW-8	10/12/2010	Iron	<0.02	mg/L

GROUNDWATER ANALYSIS DATA

GW	MW-8	10/12/2010	Lead	<0.005	mg/L
GW	MW-8	10/12/2010	Manganese	0.0053	mg/L
GW	MW-8	10/12/2010	Mercury	<0.0002	mg/L
GW	MW-8	10/12/2010	Molybdenum	<0.000	mg/L
GW	MW-8	10/12/2010	Nickel	<0.01	mg/L
GW	MW-8	10/12/2010	Selenium	0.0016	mg/L
GW	MW-8	10/12/2010	Silver	<0.005	mg/L
GW	MW-8	10/12/2010	Sulfate	16	mg/L
GW	MW-8	10/12/2010	TDS	287	mg/L
GW	MW-8	10/12/2010	Uranium	0.0016	mg/L
GW	MW-8	10/12/2010	Zinc	<0.01	mg/L
GW	MW-8	10/12/2010	pH	9.23	pH units
GW	MW-8	10/12/2010	Beryllium	<0.002	mg/L
GW	MW-8	10/12/2010	Calcium	2.9	mg/L
GW	MW-8	10/12/2010	Magnesium	1.1	mg/L
GW	MW-8	10/12/2010	Potassium	3.7	mg/L
GW	MW-8	10/12/2010	Silicon	14	mg/L
GW	MW-8	10/12/2010	Sodium	97	mg/L
GW	MW-8	10/12/2010	Vanadium	<0.05	mg/L
GW	MW-8	10/12/2010	Antimony	<0.001	mg/L
GW	MW-8	10/12/2010	Thallium	<0.001	mg/L
GW	MW-8	10/12/2010	Nitrate (As N) / Nitrite (As N)	<1	mg/L
GW	MW-8	10/12/2010	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	MW-8	10/12/2010	Carbonate	<2	mg/L CaCO3
GW	MW-8	10/12/2010	Bicarbonate	210	mg/L CaCO3
GW	MW-8	10/12/2010	Specific Conductance	450	umhos/cm
GW	MW-8	10/12/2010	Suspended Solids	49	mg/L
GW	LRG-04159	11/4/2010	Aluminum	<0.02	mg/L
GW	LRG-04159	11/4/2010	Arsenic	<0.001	mg/L
GW	LRG-04159	11/4/2010	Barium	0.016	mg/L
GW	LRG-04159	11/4/2010	Boron	<0.04	mg/L
GW	LRG-04159	11/4/2010	Cadmium	<0.002	mg/L
GW	LRG-04159	11/4/2010	Chloride	23	mg/L
GW	LRG-04159	11/4/2010	Chromium	<0.006	mg/L
GW	LRG-04159	11/4/2010	Cobalt	<0.006	mg/L
GW	LRG-04159	11/4/2010	Copper	<0.006	mg/L
GW	LRG-04159	11/4/2010	Fluoride	0.66	mg/L
GW	LRG-04159	11/4/2010	Iron	0.036	mg/L
GW	LRG-04159	11/4/2010	Lead	<0.005	mg/L
GW	LRG-04159	11/4/2010	Cyanide	<0.01	mg/L
GW	LRG-04159	11/4/2010	Manganese	<0.002	mg/L
GW	LRG-04159	11/4/2010	Mercury	<0.0002	mg/L
GW	LRG-04159	11/4/2010	Molybdenum	<0.008	mg/L
GW	LRG-04159	11/4/2010	Nickel	<0.01	mg/L
GW	LRG-04159	11/4/2010	Nitrogen, Nitrate (As N)	0.35	mg/L
GW	LRG-04159	11/4/2010	Selenium	0.0049	mg/L
GW	LRG-04159	11/4/2010	Silver	<0.005	mg/L
GW	LRG-04159	11/4/2010	Sulfate	220	mg/L
GW	LRG-04159	11/4/2010	TDS	730	mg/L
GW	LRG-04159	11/4/2010	Uranium	0.004	mg/L
GW	LRG-04159	11/4/2010	Zinc	0.037	mg/L
GW	LRG-04159	11/4/2010	pH	7.31	pH units
GW	LRG-04159	11/4/2010	Beryllium	<0.002	mg/L
GW	LRG-04159	11/4/2010	Calcium	110	mg/L
GW	LRG-04159	11/4/2010	Magnesium	23	mg/L
GW	LRG-04159	11/4/2010	Potassium	<1	mg/L
GW	LRG-04159	11/4/2010	Silicon	12	mg/L
GW	LRG-04159	11/4/2010	Sodium	98	mg/L
GW	LRG-04159	11/4/2010	Vanadium	<0.05	mg/L
GW	LRG-04159	11/4/2010	Antimony	<0.001	mg/L
GW	LRG-04159	11/4/2010	Thallium	<0.001	mg/L
GW	LRG-04159	11/4/2010	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	LRG-04159	11/4/2010	Alkalinity, Total (As CaCO3)	300	mg/L CaCO3
GW	LRG-04159	11/4/2010	Carbonate	<2	mg/L CaCO3
GW	LRG-04159	11/4/2010	Bicarbonate	300	mg/L CaCO3
GW	LRG-04159	11/4/2010	Specific Conductance	1100	umhos/cm
GW	LRG-04159	11/4/2010	Suspended Solids	<10	mg/L
GW	GWQ-4	11/5/2010	Aluminum	<0.02	mg/L
GW	GWQ-4	11/5/2010	Arsenic	<0.001	mg/L
GW	GWQ-4	11/5/2010	Barium	0.057	mg/L
GW	GWQ-4	11/5/2010	Boron	<0.04	mg/L
GW	GWQ-4	11/5/2010	Cadmium	<0.002	mg/L
GW	GWQ-4	11/5/2010	Chloride	72	mg/L
GW	GWQ-4	11/5/2010	Chromium	<0.006	mg/L
GW	GWQ-4	11/5/2010	Cobalt	<0.006	mg/L
GW	GWQ-4	11/5/2010	Copper	0.0075	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ-4	11/5/2010	Cyanide	<0.01	mg/L
GW	GWQ-4	11/5/2010	Fluoride	0.75	mg/L
GW	GWQ-4	11/5/2010	Iron	0.059	mg/L
GW	GWQ-4	11/5/2010	Lead	<0.005	mg/L
GW	GWQ-4	11/5/2010	Manganese	0.029	mg/L
GW	GWQ-4	11/5/2010	Mercury	<0.0002	mg/L
GW	GWQ-4	11/5/2010	Molybdenum	<0.008	mg/L
GW	GWQ-4	11/5/2010	Nickel	<0.01	mg/L
GW	GWQ-4	11/5/2010	Nitrogen, Nitrate (As N)	1.8	mg/L
GW	GWQ-4	11/5/2010	Selenium	0.0059	mg/L
GW	GWQ-4	11/5/2010	Silver	<0.005	mg/L
GW	GWQ-4	11/5/2010	Sulfate	230	mg/L
GW	GWQ-4	11/5/2010	TDS	798	mg/L
GW	GWQ-4	11/5/2010	Uranium	0.0037	mg/L
GW	GWQ-4	11/5/2010	Zinc	0.14	mg/L
GW	GWQ-4	11/5/2010	pH	7.53	pH units
GW	GWQ-4	11/5/2010	Beryllium	<0.002	mg/L
GW	GWQ-4	11/5/2010	Calcium	120	mg/L
GW	GWQ-4	11/5/2010	Magnesium	25	mg/L
GW	GWQ-4	11/5/2010	Potassium	1.2	mg/L
GW	GWQ-4	11/5/2010	Silicon	11	mg/L
GW	GWQ-4	11/5/2010	Sodium	110	mg/L
GW	GWQ-4	11/5/2010	Vanadium	<0.05	mg/L
GW	GWQ-4	11/5/2010	Antimony	<0.001	mg/L
GW	GWQ-4	11/5/2010	Thallium	<0.001	mg/L
GW	GWQ-4	11/5/2010	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	GWQ-4	11/5/2010	Alkalinity, Total (As CaCO3)	310	mg/L CaCO3
GW	GWQ-4	11/5/2010	Carbonate	<2	mg/L CaCO3
GW	GWQ-4	11/5/2010	Bicarbonate	310	mg/L CaCO3
GW	GWQ-4	11/5/2010	Specific Conductance	1200	umhos/cm
GW	GWQ-4	11/5/2010	Suspended Solids	11	mg/L
GW	IW-2	5/9/2011	Aluminum	<0.02	mg/L
GW	IW-2	5/9/2011	Arsenic	<0.001	mg/L
GW	IW-2	5/9/2011	Barium	0.057	mg/L
GW	IW-2	5/9/2011	Boron	0.081	mg/L
GW	IW-2	5/9/2011	Cadmium	<0.002	mg/L
GW	IW-2	5/9/2011	Chloride	520	mg/L
GW	IW-2	5/9/2011	Chromium	<0.005	mg/L
GW	IW-2	5/9/2011	Cobalt	0.017	mg/L
GW	IW-2	5/9/2011	Copper	<0.005	mg/L
GW	IW-2	5/9/2011	Cyanide	<0.01	mg/L
GW	IW-2	5/9/2011	Fluoride	0.62	mg/L
GW	IW-2	5/9/2011	Iron	0.38	mg/L
GW	IW-2	5/9/2011	Lead	<0.005	mg/L
GW	IW-2	5/9/2011	Manganese	3.6	mg/L
GW	IW-2	5/9/2011	Mercury	<0.0002	mg/L
GW	IW-2	5/9/2011	Molybdenum	0.021	mg/L
GW	IW-2	5/9/2011	Nickel	<0.01	mg/L
GW	IW-2	5/9/2011	Nitrogen, Nitrate (As N)	1.7	mg/L
GW	IW-2	5/9/2011	Selenium	0.031	mg/L
GW	IW-2	5/9/2011	Silver	<0.005	mg/L
GW	IW-2	5/9/2011	Sulfate	1100	mg/L
GW	IW-2	5/9/2011	TDS	2380	mg/L
GW	IW-2	5/9/2011	Uranium	0.0082	mg/L
GW	IW-2	5/9/2011	Zinc	0.025	mg/L
GW	IW-2	5/9/2011	pH	7.31	pH units
GW	IW-2	5/9/2011	Beryllium	<0.002	mg/L
GW	IW-2	5/9/2011	Calcium	370	mg/L
GW	IW-2	5/9/2011	Magnesium	110	mg/L
GW	IW-2	5/9/2011	Potassium	2.3	mg/L
GW	IW-2	5/9/2011	Silicon	28	mg/L
GW	IW-2	5/9/2011	Sodium	260	mg/L
GW	IW-2	5/9/2011	Vanadium	<0.05	mg/L
GW	IW-2	5/9/2011	Antimony	0.0032	mg/L
GW	IW-2	5/9/2011	Thallium	<0.001	mg/L
GW	IW-2	5/9/2011	Nitrogen, Nitrite (As N)	<2	mg/L
GW	IW-2	5/9/2011	Alkalinity, Total (As CaCO3)	240	mg/L CaCO3
GW	IW-2	5/9/2011	Carbonate	<2	mg/L CaCO3
GW	IW-2	5/9/2011	Bicarbonate	240	mg/L CaCO3
GW	IW-2	5/9/2011	Specific Conductance	3200	umhos/cm
GW	IW-2	5/9/2011	Suspended Solids	20000	mg/L
GW	GWQ94-16	5/10/2011	Aluminum	<0.02	mg/L
GW	GWQ94-16	5/10/2011	Arsenic	0.0026	mg/L
GW	GWQ94-16	5/10/2011	Barium	0.038	mg/L
GW	GWQ94-16	5/10/2011	Boron	0.056	mg/L
GW	GWQ94-16	5/10/2011	Cadmium	<0.002	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-16	5/10/2011	Chloride	190	mg/L
GW	GWQ94-16	5/10/2011	Chromium	<0.306	mg/L
GW	GWQ94-16	5/10/2011	Cobalt	<0.306	mg/L
GW	GWQ94-16	5/10/2011	Copper	<0.306	mg/L
GW	GWQ94-16	5/10/2011	Cyanide	<0.01	mg/L
GW	GWQ94-16	5/10/2011	Fluoride	0.57	mg/L
GW	GWQ94-16	5/10/2011	Iron	<0.32	mg/L
GW	GWQ94-16	5/10/2011	Lead	<0.005	mg/L
GW	GWQ94-16	5/10/2011	Manganese	<0.002	mg/L
GW	GWQ94-16	5/10/2011	Mercury	<0.0002	mg/L
GW	GWQ94-16	5/10/2011	Molybdenum	<0.008	mg/L
GW	GWQ94-16	5/10/2011	Nickel	<0.31	mg/L
GW	GWQ94-16	5/10/2011	Nitrogen, Nitrate (As N)	4	mg/L
GW	GWQ94-16	5/10/2011	Selenium	0.012	mg/L
GW	GWQ94-16	5/10/2011	Silver	<0.305	mg/L
GW	GWQ94-16	5/10/2011	Sulfate	430	mg/L
GW	GWQ94-16	5/10/2011	TDS	1150	mg/L
GW	GWQ94-16	5/10/2011	Uranium	0.0023	mg/L
GW	GWQ94-16	5/10/2011	Zinc	0.011	mg/L
GW	GWQ94-16	5/10/2011	pH	7.56	pH units
GW	GWQ94-16	5/10/2011	Beryllium	<0.002	mg/L
GW	GWQ94-16	5/10/2011	Calcium	200	mg/L
GW	GWQ94-16	5/10/2011	Magnesium	49	mg/L
GW	GWQ94-16	5/10/2011	Potassium	3.1	mg/L
GW	GWQ94-16	5/10/2011	Silicon	22	mg/L
GW	GWQ94-16	5/10/2011	Sodium	74	mg/L
GW	GWQ94-16	5/10/2011	Vanadium	<0.05	mg/L
GW	GWQ94-16	5/10/2011	Antimony	<0.001	mg/L
GW	GWQ94-16	5/10/2011	Thallium	<0.001	mg/L
GW	GWQ94-16	5/10/2011	Nitrogen, Nitrite (As N)	<2	mg/L
GW	GWQ94-16	5/10/2011	Alkalinity, Total (As CaCO3)	180	mg/L CaCO3
GW	GWQ94-16	5/10/2011	Carbonate	<2	mg/L CaCO3
GW	GWQ94-16	5/10/2011	Bicarbonate	180	mg/L CaCO3
GW	GWQ94-16	5/10/2011	Specific Conductance	1600	umhos/cm
GW	GWQ94-16	5/10/2011	Suspended Solids	<10	mg/L
GW	MW-11	5/10/2011	Aluminum	<0.32	mg/L
GW	MW-11	5/10/2011	Arsenic	0.0017	mg/L
GW	MW-11	5/10/2011	Barium	0.02	mg/L
GW	MW-11	5/10/2011	Boron	<0.34	mg/L
GW	MW-11	5/10/2011	Cadmium	<0.002	mg/L
GW	MW-11	5/10/2011	Chloride	15	mg/L
GW	MW-11	5/10/2011	Chromium	<0.306	mg/L
GW	MW-11	5/10/2011	Cobalt	<0.306	mg/L
GW	MW-11	5/10/2011	Copper	<0.306	mg/L
GW	MW-11	5/10/2011	Cyanide	<0.01	mg/L
GW	MW-11	5/10/2011	Fluoride	0.5	mg/L
GW	MW-11	5/10/2011	Iron	<0.02	mg/L
GW	MW-11	5/10/2011	Lead	<0.005	mg/L
GW	MW-11	5/10/2011	Manganese	<0.002	mg/L
GW	MW-11	5/10/2011	Mercury	<0.0002	mg/L
GW	MW-11	5/10/2011	Molybdenum	<0.008	mg/L
GW	MW-11	5/10/2011	Nickel	<0.31	mg/L
GW	MW-11	5/10/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
GW	MW-11	5/10/2011	Selenium	<0.301	mg/L
GW	MW-11	5/10/2011	Silver	<0.305	mg/L
GW	MW-11	5/10/2011	Sulfate	14	mg/L
GW	MW-11	5/10/2011	TDS	308	mg/L
GW	MW-11	5/10/2011	Uranium	0.0015	mg/L
GW	MW-11	5/10/2011	Zinc	<0.31	mg/L
GW	MW-11	5/10/2011	pH	7.54	pH units
GW	MW-11	5/10/2011	Beryllium	<0.002	mg/L
GW	MW-11	5/10/2011	Calcium	64	mg/L
GW	MW-11	5/10/2011	Magnesium	8.6	mg/L
GW	MW-11	5/10/2011	Potassium	1.4	mg/L
GW	MW-11	5/10/2011	Silicon	20	mg/L
GW	MW-11	5/10/2011	Sodium	23	mg/L
GW	MW-11	5/10/2011	Vanadium	<0.05	mg/L
GW	MW-11	5/10/2011	Antimony	<0.001	mg/L
GW	MW-11	5/10/2011	Thallium	<0.001	mg/L
GW	MW-11	5/10/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	MW-11	5/10/2011	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	MW-11	5/10/2011	Carbonate	<2	mg/L CaCO3
GW	MW-11	5/10/2011	Bicarbonate	210	mg/L CaCO3
GW	MW-11	5/10/2011	Specific Conductance	470	umhos/cm
GW	MW-11	5/10/2011	Suspended Solids	<10	mg/L
GW	NP-5	5/10/2011	Aluminum	<0.02	mg/L

GROUNDWATER ANALYSIS DATA

GW	NP-5	5/10/2011	Aluminum	<0.02	mg/L
GW	NP-5	5/10/2011	Arsenic	0.0018	mg/L
GW	NP-5	5/10/2011	Arsenic	0.0018	mg/L
GW	NP-5	5/10/2011	Barium	0.019	mg/L
GW	NP-5	5/10/2011	Barium	0.015	mg/L
GW	NP-5	5/10/2011	Boron	0.041	mg/L
GW	NP-5	5/10/2011	Boron	0.042	mg/L
GW	NP-5	5/10/2011	Cadmium	<0.002	mg/L
GW	NP-5	5/10/2011	Cadmium	<0.002	mg/L
GW	NP-5	5/10/2011	Chloride	80	mg/L
GW	NP-5	5/10/2011	Chloride	79	mg/L
GW	NP-5	5/10/2011	Chromium	<0.306	mg/L
GW	NP-5	5/10/2011	Chromium	<0.306	mg/L
GW	NP-5	5/10/2011	Cobalt	<0.306	mg/L
GW	NP-5	5/10/2011	Cobalt	<0.306	mg/L
GW	NP-5	5/10/2011	Copper	<0.006	mg/L
GW	NP-5	5/10/2011	Copper	<0.306	mg/L
GW	NP-5	5/10/2011	Cyanide	<0.31	mg/L
GW	NP-5	5/10/2011	Cyanide	<0.01	mg/L
GW	NP-5	5/10/2011	Fluoride	0.63	mg/L
GW	NP-5	5/10/2011	Fluoride	0.64	mg/L
GW	NP-5	5/10/2011	Iron	<0.02	mg/L
GW	NP-5	5/10/2011	Iron	<0.32	mg/L
GW	NP-5	5/10/2011	Lead	<0.006	mg/L
GW	NP-5	5/10/2011	Lead	<0.306	mg/L
GW	NP-5	5/10/2011	Manganese	<0.002	mg/L
GW	NP-5	5/10/2011	Manganese	<0.002	mg/L
GW	NP-5	5/10/2011	Mercury	<0.0002	mg/L
GW	NP-5	5/10/2011	Mercury	<0.0002	mg/L
GW	NP-5	5/10/2011	Molybdenum	<0.008	mg/L
GW	NP-5	5/10/2011	Molybdenum	<0.306	mg/L
GW	NP-5	5/10/2011	Nickel	<0.01	mg/L
GW	NP-5	5/10/2011	Nickel	<0.31	mg/L
GW	NP-5	5/10/2011	Nitrogen, Nitrate (As N)	4.1	mg/L
GW	NP-5	5/10/2011	Nitrogen, Nitrate (As N)	4.1	mg/L
GW	NP-5	5/10/2011	Selenium	0.0076	mg/L
GW	NP-5	5/10/2011	Selenium	0.0073	mg/L
GW	NP-5	5/10/2011	Silver	<0.305	mg/L
GW	NP-5	5/10/2011	Silver	<0.305	mg/L
GW	NP-5	5/10/2011	Sulfate	180	mg/L
GW	NP-5	5/10/2011	Sulfate	180	mg/L
GW	NP-5	5/10/2011	TDS	636	mg/L
GW	NP-5	5/10/2011	TDS	633	mg/L
GW	NP-5	5/10/2011	Uranium	0.0013	mg/L
GW	NP-5	5/10/2011	Uranium	0.0013	mg/L
GW	NP-5	5/10/2011	Zinc	0.25	mg/L
GW	NP-5	5/10/2011	Zinc	0.26	mg/L
GW	NP-5	5/10/2011	pH	7.76	pH units
GW	NP-5	5/10/2011	pH	7.81	pH units
GW	NP-5	5/10/2011	Beryllium	<0.002	mg/L
GW	NP-5	5/10/2011	Calcium	99	mg/L
GW	NP-5	5/10/2011	Magnesium	31	mg/L
GW	NP-5	5/10/2011	Potassium	2.9	mg/L
GW	NP-5	5/10/2011	Silicon	20	mg/L
GW	NP-5	5/10/2011	Sodium	43	mg/L
GW	NP-5	5/10/2011	Vanadium	<0.05	mg/L
GW	NP-5	5/10/2011	Antimony	<0.301	mg/L
GW	NP-5	5/10/2011	Thallium	<0.001	mg/L
GW	NP-5	5/10/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	NP-5	5/10/2011	Alkalinity, Total (As CaCO3)	160	mg/L CaCO3
GW	NP-5	5/10/2011	Carbonate	<2	mg/L CaCO3
GW	NP-5	5/10/2011	Bicarbonate	160	mg/L CaCO3
GW	NP-5	5/10/2011	Specific Conductance	940	umhos/cm
GW	NP-5	5/10/2011	Suspended Solids	130	mg/L
GW	NP-5	5/10/2011	Beryllium	<0.302	mg/L
GW	NP-5	5/10/2011	Calcium	100	mg/L
GW	NP-5	5/10/2011	Magnesium	32	mg/L
GW	NP-5	5/10/2011	Potassium	2.9	mg/L
GW	NP-5	5/10/2011	Silicon	20	mg/L
GW	NP-5	5/10/2011	Sodium	45	mg/L
GW	NP-5	5/10/2011	Vanadium	<0.05	mg/L
GW	NP-5	5/10/2011	Antimony	<0.001	mg/L
GW	NP-5	5/10/2011	Thallium	<0.301	mg/L
GW	NP-5	5/10/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	NP-5	5/10/2011	Alkalinity, Total (As CaCO3)	160	mg/L CaCO3
GW	NP-5	5/10/2011	Carbonate	<2	mg/L CaCO3

GROUNDWATER ANALYSIS DATA

GW	NP-5	5/10/2011	Bicarbonate	180	mg/L CaCO3
GW	NP-5	5/10/2011	Specific Conductance	930	umhos/cm
GW	NP-5	5/10/2011	Suspended Solids	47	mg/L
GW	GWQ94-13	5/11/2011	Aluminum	<0.02	mg/L
GW	GWQ94-13	5/11/2011	Arsenic	0.0058	mg/L
GW	GWQ94-13	5/11/2011	Barium	0.057	mg/L
GW	GWQ94-13	5/11/2011	Boron	<0.04	mg/L
GW	GWQ94-13	5/11/2011	Cadmium	<0.002	mg/L
GW	GWQ94-13	5/11/2011	Chloride	290	mg/L
GW	GWQ94-13	5/11/2011	Chromium	<0.006	mg/L
GW	GWQ94-13	5/11/2011	Cobalt	<0.006	mg/L
GW	GWQ94-13	5/11/2011	Copper	<0.006	mg/L
GW	GWQ94-13	5/11/2011	Cyanide	<0.005	mg/L
GW	GWQ94-13	5/11/2011	Fluoride	0.33	mg/L
GW	GWQ94-13	5/11/2011	Iron	<0.02	mg/L
GW	GWQ94-13	5/11/2011	Lead	<0.005	mg/L
GW	GWQ94-13	5/11/2011	Manganese	<0.002	mg/L
GW	GWQ94-13	5/11/2011	Mercury	<0.0002	mg/L
GW	GWQ94-13	5/11/2011	Molybdenum	<0.008	mg/L
GW	GWQ94-13	5/11/2011	Nickel	<0.01	mg/L
GW	GWQ94-13	5/11/2011	Selenium	0.026	mg/L
GW	GWQ94-13	5/11/2011	Silver	<0.005	mg/L
GW	GWQ94-13	5/11/2011	Sulfate	800	mg/L
GW	GWQ94-13	5/11/2011	TDS	1670	mg/L
GW	GWQ94-13	5/11/2011	Uranium	0.0017	mg/L
GW	GWQ94-13	5/11/2011	Zinc	0.057	mg/L
GW	GWQ94-13	5/11/2011	pH	7.66	pH units
GW	GWQ94-13	5/11/2011	Beryllium	<0.002	mg/L
GW	GWQ94-13	5/11/2011	Calcium	310	mg/L
GW	GWQ94-13	5/11/2011	Magnesium	61	mg/L
GW	GWQ94-13	5/11/2011	Potassium	3.3	mg/L
GW	GWQ94-13	5/11/2011	Silicon	18	mg/L
GW	GWQ94-13	5/11/2011	Sodium	120	mg/L
GW	GWQ94-13	5/11/2011	Vanadium	<0.06	mg/L
GW	GWQ94-13	5/11/2011	Antimony	<0.001	mg/L
GW	GWQ94-13	5/11/2011	Thallium	<0.001	mg/L
GW	GWQ94-13	5/11/2011	Nitrate (As N)+Nfite (As N)	6.5	mg/L
GW	GWQ94-13	5/11/2011	Alkalinity, Total (As CaCO3)	130	mg/L CaCO3
GW	GWQ94-13	5/11/2011	Carbonate	<2	mg/L CaCO3
GW	GWQ94-13	5/11/2011	Bicarbonate	130	mg/L CaCO3
GW	GWQ94-13	5/11/2011	Specific Conductance	2100	umhos/cm
GW	GWQ94-13	5/11/2011	Suspended Solids	<10	mg/L
GW	MW-9	5/11/2011	Aluminum	<0.02	mg/L
GW	MW-9	5/11/2011	Arsenic	0.0041	mg/L
GW	MW-9	5/11/2011	Barium	0.002	mg/L
GW	MW-9	5/11/2011	Boron	0.046	mg/L
GW	MW-9	5/11/2011	Cadmium	<0.002	mg/L
GW	MW-9	5/11/2011	Chloride	13	mg/L
GW	MW-9	5/11/2011	Chromium	<0.006	mg/L
GW	MW-9	5/11/2011	Cobalt	<0.006	mg/L
GW	MW-9	5/11/2011	Copper	<0.006	mg/L
GW	MW-9	5/11/2011	Cyanide	<0.005	mg/L
GW	MW-9	5/11/2011	Fluoride	1.3	mg/L
GW	MW-9	5/11/2011	Iron	<0.02	mg/L
GW	MW-9	5/11/2011	Lead	<0.005	mg/L
GW	MW-9	5/11/2011	Manganese	<0.002	mg/L
GW	MW-9	5/11/2011	Mercury	<0.0002	mg/L
GW	MW-9	5/11/2011	Molybdenum	<0.008	mg/L
GW	MW-9	5/11/2011	Nickel	<0.01	mg/L
GW	MW-9	5/11/2011	Selenium	<0.001	mg/L
GW	MW-9	5/11/2011	Silver	<0.005	mg/L
GW	MW-9	5/11/2011	Sulfate	12	mg/L
GW	MW-9	5/11/2011	TDS	206	mg/L
GW	MW-9	5/11/2011	Uranium	0.0013	mg/L
GW	MW-9	5/11/2011	Zinc	0.045	mg/L
GW	MW-9	5/11/2011	pH	8.35	pH units
GW	MW-9	5/11/2011	Beryllium	<0.002	mg/L
GW	MW-9	5/11/2011	Calcium	12	mg/L
GW	MW-9	5/11/2011	Magnesium	1.2	mg/L
GW	MW-9	5/11/2011	Potassium	2.1	mg/L
GW	MW-9	5/11/2011	Silicon	15	mg/L
GW	MW-9	5/11/2011	Sodium	55	mg/L
GW	MW-9	5/11/2011	Vanadium	<0.06	mg/L
GW	MW-9	5/11/2011	Antimony	<0.001	mg/L
GW	MW-9	5/11/2011	Thallium	<0.001	mg/L
GW	MW-9	5/11/2011	Nitrate (As N)+Nfite (As N)	2.1	mg/L

GROUNDWATER ANALYSIS DATA

GW	MW-9	5/11/2011	Alkalinity, Total (As CaCO ₃)	120	mg/L CaCO ₃
GW	MW-9	5/11/2011	Carbonate	<2	mg/L CaCO ₃
GW	MW-9	5/11/2011	Bicarbonate	110	mg/L CaCO ₃
GW	MW-9	5/11/2011	Specific Conductance	300	µmhos/cm
GW	MW-9	5/11/2011	Suspended Solids	<10	mg/L
GW	NP-3	5/11/2011	Aluminum	<0.02	mg/L
GW	NP-3	5/11/2011	Arsenic	0.0029	mg/L
GW	NP-3	5/11/2011	Barium	0.052	mg/L
GW	NP-3	5/11/2011	Boron	<0.04	mg/L
GW	NP-3	5/11/2011	Cadmium	<0.002	mg/L
GW	NP-3	5/11/2011	Chloride	270	mg/L
GW	NP-3	5/11/2011	Chromium	<0.006	mg/L
GW	NP-3	5/11/2011	Cobalt	<0.006	mg/L
GW	NP-3	5/11/2011	Copper	<0.006	mg/L
GW	NP-3	5/11/2011	Cyanide	<0.005	mg/L
GW	NP-3	5/11/2011	Fluoride	0.34	mg/L
GW	NP-3	5/11/2011	Iron	0.039	mg/L
GW	NP-3	5/11/2011	Lead	<0.005	mg/L
GW	NP-3	5/11/2011	Manganese	0.022	mg/L
GW	NP-3	5/11/2011	Mercury	<0.0002	mg/L
GW	NP-3	5/11/2011	Molybdenum	<0.006	mg/L
GW	NP-3	5/11/2011	Nickel	<0.01	mg/L
GW	NP-3	5/11/2011	Selenium	0.027	mg/L
GW	NP-3	5/11/2011	Silver	<0.005	mg/L
GW	NP-3	5/11/2011	Sulfate	790	mg/L
GW	NP-3	5/11/2011	TDS	1640	mg/L
GW	NP-3	5/11/2011	Uranium	0.0015	mg/L
GW	NP-3	5/11/2011	Zinc	0.24	mg/L
GW	NP-3	5/11/2011	pH	7.69	pH units
GW	NP-3	5/11/2011	Beryllium	<0.002	mg/L
GW	NP-3	5/11/2011	Calcium	300	mg/L
GW	NP-3	5/11/2011	Magnesium	57	mg/L
GW	NP-3	5/11/2011	Potassium	3.3	mg/L
GW	NP-3	5/11/2011	Silicon	15	mg/L
GW	NP-3	5/11/2011	Sodium	120	mg/L
GW	NP-3	5/11/2011	Vanadium	<0.05	mg/L
GW	NP-3	5/11/2011	Antimony	<0.001	mg/L
GW	NP-3	5/11/2011	Thallium	<0.001	mg/L
GW	NP-3	5/11/2011	Nitrate (As N)+Nitrite (As N)	6.2	mg/L
GW	NP-3	5/11/2011	Alkalinity, Total (As CaCO ₃)	130	mg/L CaCO ₃
GW	NP-3	5/11/2011	Carbonate	<2	mg/L CaCO ₃
GW	NP-3	5/11/2011	Bicarbonate	130	mg/L CaCO ₃
GW	NP-3	5/11/2011	Specific Conductance	2100	µmhos/cm
GW	NP-3	5/11/2011	Suspended Solids	400	mg/L
GW	GWQ96-23A	5/12/2011	Aluminum	<0.02	mg/L
GW	GWQ96-23A	5/12/2011	Arsenic	<0.001	mg/L
GW	GWQ96-23A	5/12/2011	Barium	0.075	mg/L
GW	GWQ96-23A	5/12/2011	Boron	0.071	mg/L
GW	GWQ96-23A	5/12/2011	Cadmium	<0.002	mg/L
GW	GWQ96-23A	5/12/2011	Chloride	13	mg/L
GW	GWQ96-23A	5/12/2011	Chromium	<0.006	mg/L
GW	GWQ96-23A	5/12/2011	Cobalt	<0.006	mg/L
GW	GWQ96-23A	5/12/2011	Copper	<0.006	mg/L
GW	GWQ96-23A	5/12/2011	Cyanide	<0.005	mg/L
GW	GWQ96-23A	5/12/2011	Fluoride	1.7	mg/L
GW	GWQ96-23A	5/12/2011	Iron	0.043	mg/L
GW	GWQ96-23A	5/12/2011	Lead	<0.005	mg/L
GW	GWQ96-23A	5/12/2011	Manganese	0.29	mg/L
GW	GWQ96-23A	5/12/2011	Mercury	<0.0002	mg/L
GW	GWQ96-23A	5/12/2011	Molybdenum	<0.006	mg/L
GW	GWQ96-23A	5/12/2011	Nickel	<0.01	mg/L
GW	GWQ96-23A	5/12/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
GW	GWQ96-23A	5/12/2011	Selenium	0.0012	mg/L
GW	GWQ96-23A	5/12/2011	Silver	<0.005	mg/L
GW	GWQ96-23A	5/12/2011	Sulfate	74	mg/L
GW	GWQ96-23A	5/12/2011	TDS	752	mg/L
GW	GWQ96-23A	5/12/2011	Uranium	0.003	mg/L
GW	GWQ96-23A	5/12/2011	Zinc	0.02	mg/L
GW	GWQ96-23A	5/12/2011	pH	8.16	pH units
GW	GWQ96-23A	5/12/2011	Beryllium	<0.002	mg/L
GW	GWQ96-23A	5/12/2011	Calcium	150	mg/L
GW	GWQ96-23A	5/12/2011	Magnesium	42	mg/L
GW	GWQ96-23A	5/12/2011	Potassium	1.3	mg/L
GW	GWQ96-23A	5/12/2011	Silicon	14	mg/L
GW	GWQ96-23A	5/12/2011	Sodium	78	mg/L
GW	GWQ96-23A	5/12/2011	Vanadium	<0.05	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ96-23A	5/12/2011	Arsimony	<0.001	mg/L
GW	GWQ96-23A	5/12/2011	Thallium	<0.001	mg/L
GW	GWQ96-23A	5/12/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	GWQ96-23A	5/12/2011	Alkalinity, Total (As CaCO3)	600	mg/L CaCO3
GW	GWQ96-23A	5/12/2011	Carbonate	<2	mg/L CaCO3
GW	GWQ96-23A	5/12/2011	Bicarbonate	600	mg/L CaCO3
GW	GWQ96-23A	5/12/2011	Specific Conductance	1100	umhos/cm
GW	GWQ96-23A	5/12/2011	Suspended Solids	<10	mg/L
GW	GWQ96-23B	5/12/2011	Aluminum	<0.02	mg/L
GW	GWQ96-23B	5/12/2011	Arsenic	<0.001	mg/L
GW	GWQ96-23B	5/12/2011	Barium	0.11	mg/L
GW	GWQ96-23B	5/12/2011	Boron	0.14	mg/L
GW	GWQ96-23B	5/12/2011	Cadmium	<0.002	mg/L
GW	GWQ96-23B	5/12/2011	Chloride	17	mg/L
GW	GWQ96-23B	5/12/2011	Chromium	<0.006	mg/L
GW	GWQ96-23B	5/12/2011	Cobalt	<0.006	mg/L
GW	GWQ96-23B	5/12/2011	Copper	<0.006	mg/L
GW	GWQ96-23B	5/12/2011	Cyanide	<0.005	mg/L
GW	GWQ96-23B	5/12/2011	Fluoride	2.1	mg/L
GW	GWQ96-23B	5/12/2011	Iron	0.93	mg/L
GW	GWQ96-23B	5/12/2011	Lead	<0.006	mg/L
GW	GWQ96-23B	5/12/2011	Manganese	0.34	mg/L
GW	GWQ96-23B	5/12/2011	Mercury	<0.0002	mg/L
GW	GWQ96-23B	5/12/2011	Molybdenum	<0.008	mg/L
GW	GWQ96-23B	5/12/2011	Nickel	<0.01	mg/L
GW	GWQ96-23B	5/12/2011	Nitrogen, Nitrate (As N)	<0.1	mg/L
GW	GWQ96-23B	5/12/2011	Selenium	0.0014	mg/L
GW	GWQ96-23B	5/12/2011	Silver	<0.005	mg/L
GW	GWQ96-23B	5/12/2011	Sulfate	<0.5	mg/L
GW	GWQ96-23B	5/12/2011	TDS	658	mg/L
GW	GWQ96-23B	5/12/2011	Uranium	<0.001	mg/L
GW	GWQ96-23B	5/12/2011	Zinc	0.014	mg/L
GW	GWQ96-23B	5/12/2011	pH	7.98	pH units
GW	GWQ96-23B	5/12/2011	Beryllium	<0.002	mg/L
GW	GWQ96-23B	5/12/2011	Calcium	91	mg/L
GW	GWQ96-23B	5/12/2011	Magnesium	22	mg/L
GW	GWQ96-23B	5/12/2011	Potassium	1.7	mg/L
GW	GWQ96-23B	5/12/2011	Silicon	12	mg/L
GW	GWQ96-23B	5/12/2011	Sodium	110	mg/L
GW	GWQ96-23B	5/12/2011	Vanadium	<0.05	mg/L
GW	GWQ96-23B	5/12/2011	Arsimony	<0.001	mg/L
GW	GWQ96-23B	5/12/2011	Thallium	<0.001	mg/L
GW	GWQ96-23B	5/12/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	GWQ96-23B	5/12/2011	Alkalinity, Total (As CaCO3)	490	mg/L CaCO3
GW	GWQ96-23B	5/12/2011	Carbonate	<2	mg/L CaCO3
GW	GWQ96-23B	5/12/2011	Bicarbonate	490	mg/L CaCO3
GW	GWQ96-23B	5/12/2011	Specific Conductance	890	umhos/cm
GW	GWQ96-23B	5/12/2011	Suspended Solids	24	mg/L
GW	GWQ94-14	5/13/2011	Aluminum	<0.02	mg/L
GW	GWQ94-14	5/13/2011	Arsenic	0.0028	mg/L
GW	GWQ94-14	5/13/2011	Barium	0.045	mg/L
GW	GWQ94-14	5/13/2011	Boron	<0.04	mg/L
GW	GWQ94-14	5/13/2011	Cadmium	<0.002	mg/L
GW	GWQ94-14	5/13/2011	Chloride	48	mg/L
GW	GWQ94-14	5/13/2011	Chromium	<0.006	mg/L
GW	GWQ94-14	5/13/2011	Cobalt	<0.006	mg/L
GW	GWQ94-14	5/13/2011	Copper	<0.006	mg/L
GW	GWQ94-14	5/13/2011	Cyanide	0.012	mg/L
GW	GWQ94-14	5/13/2011	Fluoride	0.55	mg/L
GW	GWQ94-14	5/13/2011	Iron	<0.02	mg/L
GW	GWQ94-14	5/13/2011	Lead	<0.006	mg/L
GW	GWQ94-14	5/13/2011	Manganese	<0.002	mg/L
GW	GWQ94-14	5/13/2011	Mercury	<0.0002	mg/L
GW	GWQ94-14	5/13/2011	Molybdenum	<0.008	mg/L
GW	GWQ94-14	5/13/2011	Nickel	<0.01	mg/L
GW	GWQ94-14	5/13/2011	Nitrogen, Nitrate (As N)	2.2	mg/L
GW	GWQ94-14	5/13/2011	Selenium	0.0061	mg/L
GW	GWQ94-14	5/13/2011	Silver	<0.005	mg/L
GW	GWQ94-14	5/13/2011	Sulfate	150	mg/L
GW	GWQ94-14	5/13/2011	TDS	570	mg/L
GW	GWQ94-14	5/13/2011	Uranium	0.0015	mg/L
GW	GWQ94-14	5/13/2011	Zinc	0.052	mg/L
GW	GWQ94-14	5/13/2011	pH	7.84	pH units
GW	GWQ94-14	5/13/2011	Beryllium	<0.002	mg/L
GW	GWQ94-14	5/13/2011	Calcium	97	mg/L
GW	GWQ94-14	5/13/2011	Magnesium	27	mg/L

GROUNDWATER ANALYSIS DATA

GW	GWQ94-14	5/13/2011	Potassium	1.8	mg/L
GW	GWQ94-14	5/13/2011	Silicon	18	mg/L
GW	GWQ94-14	5/13/2011	Sodium	49	mg/L
GW	GWQ94-14	5/13/2011	Vanadium	<0.05	mg/L
GW	GWQ94-14	5/13/2011	Antimony	<0.001	mg/L
GW	GWQ94-14	5/13/2011	Thallium	<0.001	mg/L
GW	GWQ94-14	5/13/2011	Nitrogen, Nitrite (As N)	<0.1	mg/L
GW	GWQ94-14	5/13/2011	Alkalinity, Total (As CaCO3)	210	mg/L CaCO3
GW	GWQ94-14	5/13/2011	Carbonate	<2	mg/L CaCO3
GW	GWQ94-14	5/13/2011	Bicarbonate	210	mg/L CaCO3
GW	GWQ94-14	5/13/2011	Specific Conductance	840	µmhos/cm
GW	GWQ94-14	5/13/2011	Suspended Solids	<10	mg/L
GW	GWQ94-15	5/13/2011	Aluminum	<0.02	mg/L
GW	GWQ94-15	5/13/2011	Arsenic	0.0036	mg/L
GW	GWQ94-15	5/13/2011	Barium	0.056	mg/L
GW	GWQ94-15	5/13/2011	Boron	<0.04	mg/L
GW	GWQ94-15	5/13/2011	Cadmium	<0.002	mg/L
GW	GWQ94-15	5/13/2011	Chloride	120	mg/L
GW	GWQ94-15	5/13/2011	Chromium	<0.006	mg/L
GW	GWQ94-15	5/13/2011	Cobalt	<0.006	mg/L
GW	GWQ94-15	5/13/2011	Copper	<0.006	mg/L
GW	GWQ94-15	5/13/2011	Cyanide	<0.005	mg/L
GW	GWQ94-15	5/13/2011	Fluoride	0.45	mg/L
GW	GWQ94-15	5/13/2011	Iron	<0.02	mg/L
GW	GWQ94-15	5/13/2011	Lead	<0.005	mg/L
GW	GWQ94-15	5/13/2011	Manganese	<0.002	mg/L
GW	GWQ94-15	5/13/2011	Mercury	<0.0002	mg/L
GW	GWQ94-15	5/13/2011	Molybdenum	<0.008	mg/L
GW	GWQ94-15	5/13/2011	Nickel	<0.01	mg/L
GW	GWQ94-15	5/13/2011	Nitrogen, Nitrate (As N)	2.8	mg/L
GW	GWQ94-15	5/13/2011	Selenium	0.012	mg/L
GW	GWQ94-15	5/13/2011	Silver	<0.005	mg/L
GW	GWQ94-15	5/13/2011	Sulfate	270	mg/L
GW	GWQ94-15	5/13/2011	TDS	808	mg/L
GW	GWQ94-15	5/13/2011	Uranium	<0.0018	mg/L
GW	GWQ94-15	5/13/2011	Zinc	<0.01	mg/L
GW	GWQ94-15	5/13/2011	pH	7.74	pH units
GW	GWQ94-15	5/13/2011	Beryllium	<0.002	mg/L
GW	GWQ94-15	5/13/2011	Calcium	130	mg/L
GW	GWQ94-15	5/13/2011	Magnesium	38	mg/L
GW	GWQ94-15	5/13/2011	Potassium	2.3	mg/L
GW	GWQ94-15	5/13/2011	Silicon	16	mg/L
GW	GWQ94-15	5/13/2011	Sodium	68	mg/L
GW	GWQ94-15	5/13/2011	Vanadium	<0.05	mg/L
GW	GWQ94-15	5/13/2011	Antimony	<0.001	mg/L
GW	GWQ94-15	5/13/2011	Thallium	<0.001	mg/L
GW	GWQ94-15	5/13/2011	Nitrogen, Nitrite (As N)	<2	mg/L
GW	GWQ94-15	5/13/2011	Alkalinity, Total (As CaCO3)	190	mg/L CaCO3
GW	GWQ94-15	5/13/2011	Carbonate	<2	mg/L CaCO3
GW	GWQ94-15	5/13/2011	Bicarbonate	190	mg/L CaCO3
GW	GWQ94-15	5/13/2011	Specific Conductance	1200	µmhos/cm
GW	GWQ94-15	5/13/2011	Suspended Solids	<10	mg/L

APPENDIX E

PROJECTED GROUNDWATER LEVELS
AT SELECTED LOCATIONS

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APPENDIX E: PROJECTED GROUNDWATER LEVELS AT SELECTED LOCATIONS

Appendix E: Projected Groundwater Levels at Selected Locations

Prepared by John Shomaker and Associates, September, 2014.

The hydrographs below present in greater detail model (JSAI 2014) results that are discussed in the body of the EIS. Hydrographs are presented for the locations shown on Figure 1. The locations are listed on Table 1. Well diagrams and other information for some locations are presented in JSAI (2014) and Intera (2012).

Figure 1. Selected Hydrograph Locations

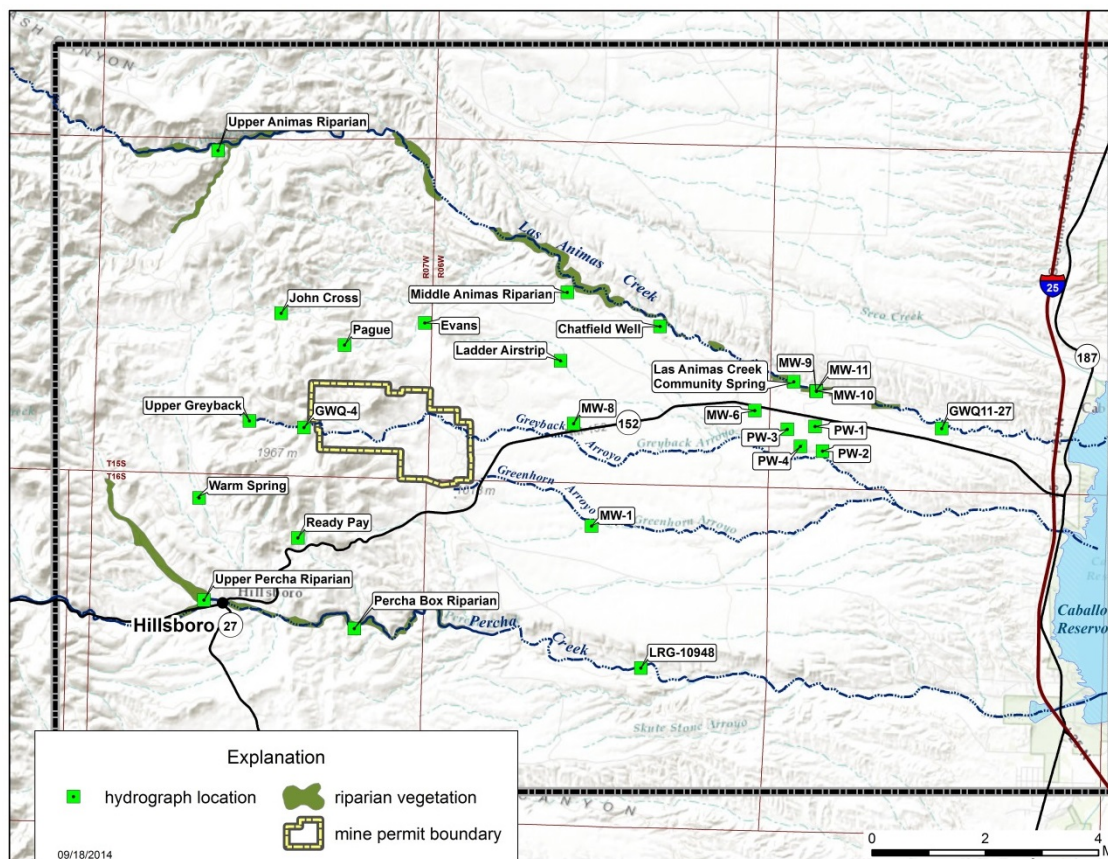


Table 1. Hydrograph Details

Well Name	model row	model column	model layer	Northing (US FT)	Easting (US FT)	Elevation of Measuring Point (ft)	Source of Info
GWQ-4 (LRG-4157)	51	23	2	11976381	860456	5566	Schaaf (2013)
Upper Greyback (LRG-4159)	48	14	2	11976990	855379	5720	Schaaf (2013)
Ready Pay (LRG-4158)	70	21	2	11966107	859888	5533	Schaaf (2013)
John Cross	19	18	2	11986996	858327	5496	Schaaf (2013)
Pague	22	41	2	11984044	864250	5551	Schaaf (2013)
Evans	20	61	2	11986102	871745	5174	Schaaf (2013)
PW-1	51	89	2	11976471	908130	4708	Schaaf (2013)
PW-2	61	89	2	11974190	908822	4686	Schaaf (2013)
PW-3	52	87	2	11976220	905548	4731	Schaaf (2013)
PW-4	59	87	2	11974623	906763	4669	Schaaf (2013)
MW-1 (LRG-4652-S-11)	69	73	2	11967214	887292	4932	Schaaf (2013)
MW-6 (LRG-4152-S-15)	43	84	2	11977954	902502	4768	Schaaf (2013)
MW-8 (LRG-4152-S-16)	49	71	2	11976741	885604	5024	Schaaf (2013)
Ladder Airstrip (Labeled by Schaaf as Ladder Airport)	24	71	2	11982576	884397	4998	Schaaf (2013)
Chatfield Well (Misabled by Schaaf as Animas Station 8)	20	78	2	11985777	893677	4615	Schaaf (2013)
MW-9	34	89	3	11979770	908214	4455	Schaaf (2013)
GWQ11-27	52	97	2	11976284	919945	4333	Schaaf (2013)
MW-10	34	89	2	11979784	908266	4454	Schaaf (2013)
LRG-10948	79	76	2	11954013	891882	4629	Schaaf (2013)
Upper Animas Riparian	8	12	2	12002145	852450	5450	Model cell centers
Middle Animas Riparian	18	71	1	11988945	885030	4917	Model cell centers
MW-11	34	89	1	11979737	908251	4454	Schaaf (2013)
Upper Percha Riparian	74	11	2	11960325	851130	5271	Model cell centers
Percha Box Riparian	76	46	2	11957685	865160	5206	Model cell centers
Warm Spring (NW of Hillsboro)	67	11	2	11969826	850679	5530	Newcomer & Finch (1993)
Las Animas Creek Community Spring	30	87	1	11980635	906150	4457	Murray (1959)

Figure 2. Projected Water Level at GWQ-4

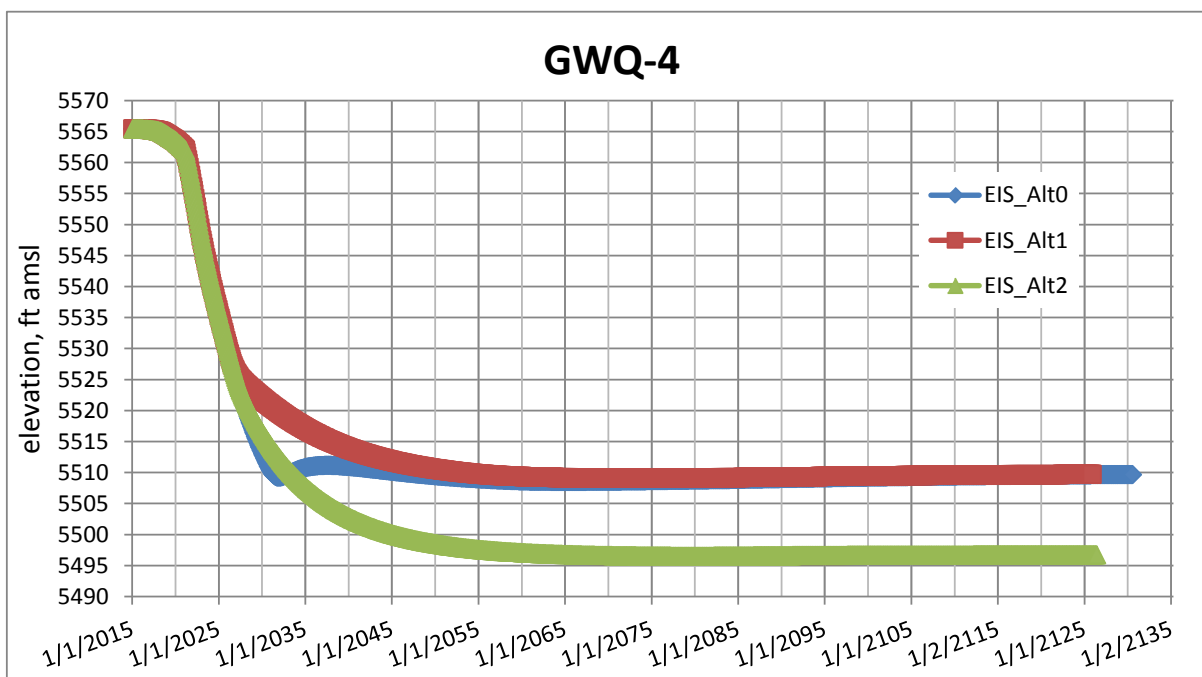


Figure 3. Projected Water Level at Upper Greyback

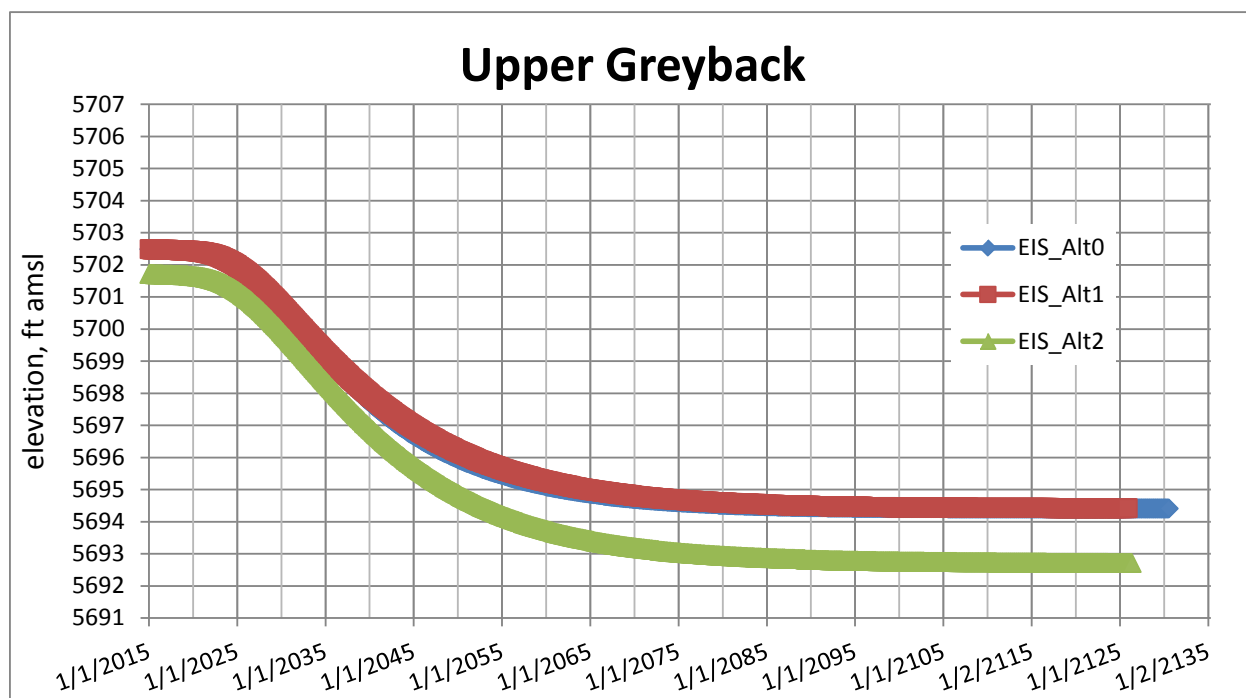


Figure 4. Projected Water Level at Ready Pay

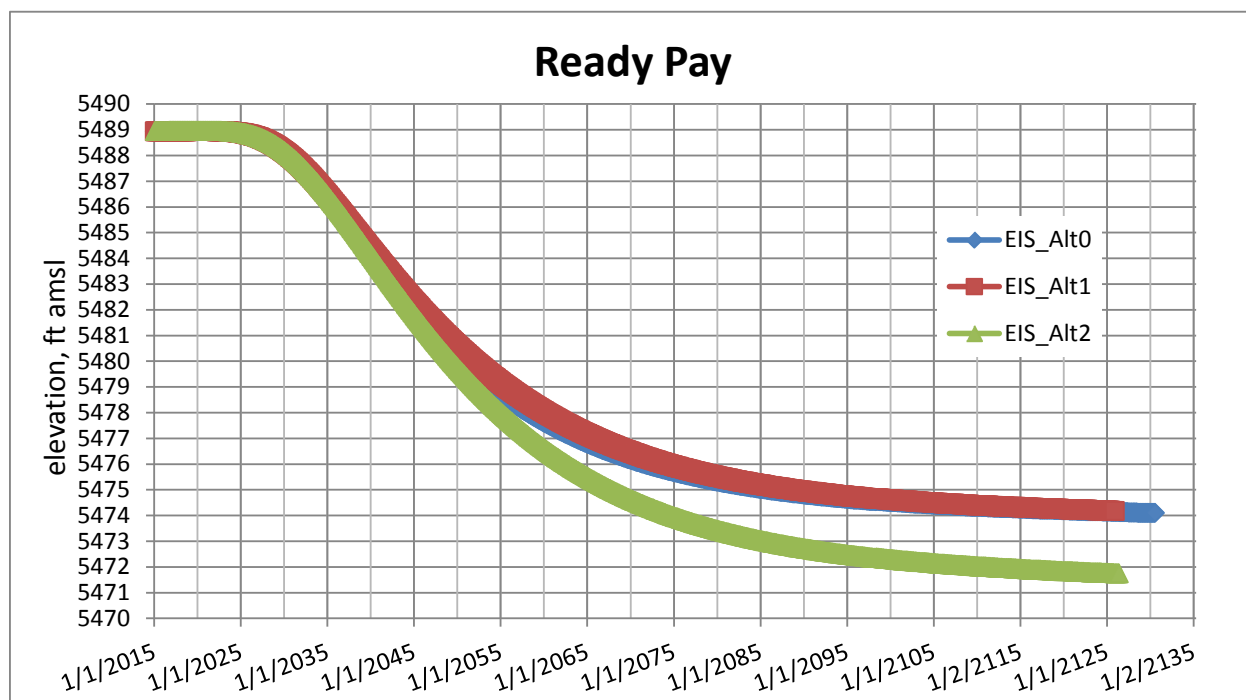


Figure 5. Projected Water Level at John Cross

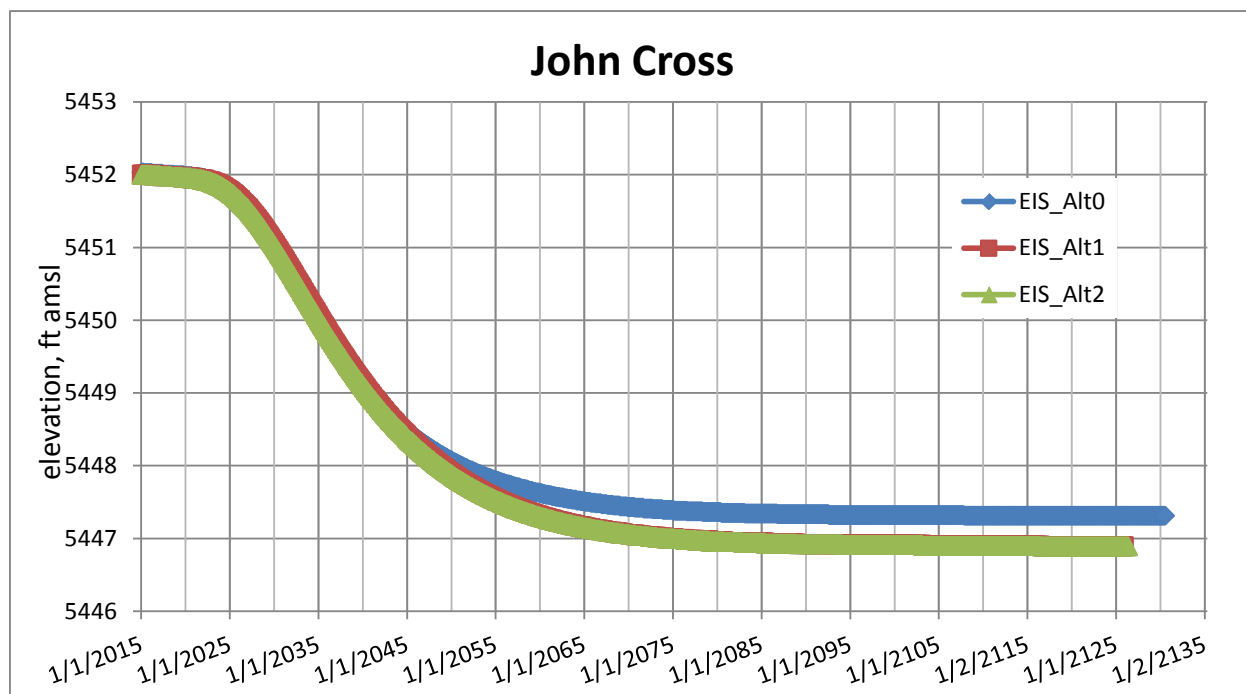


Figure 6. Projected Water Level at Pague

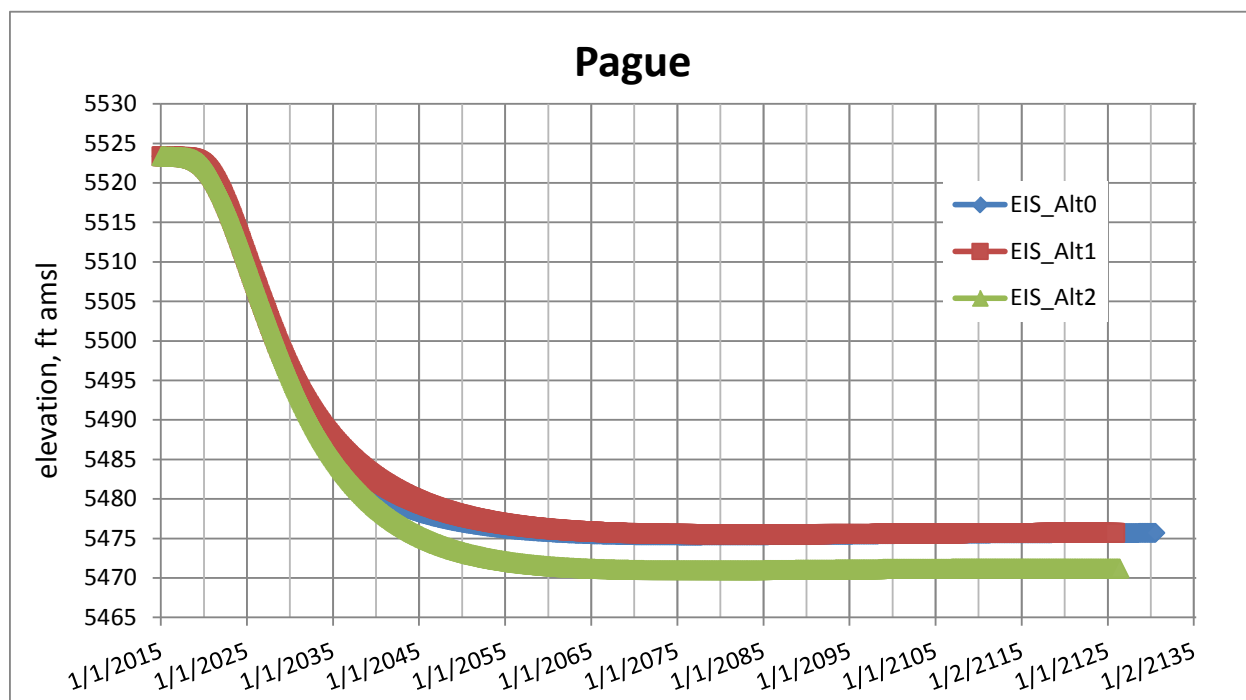


Figure 7. Projected Water Level at Evans

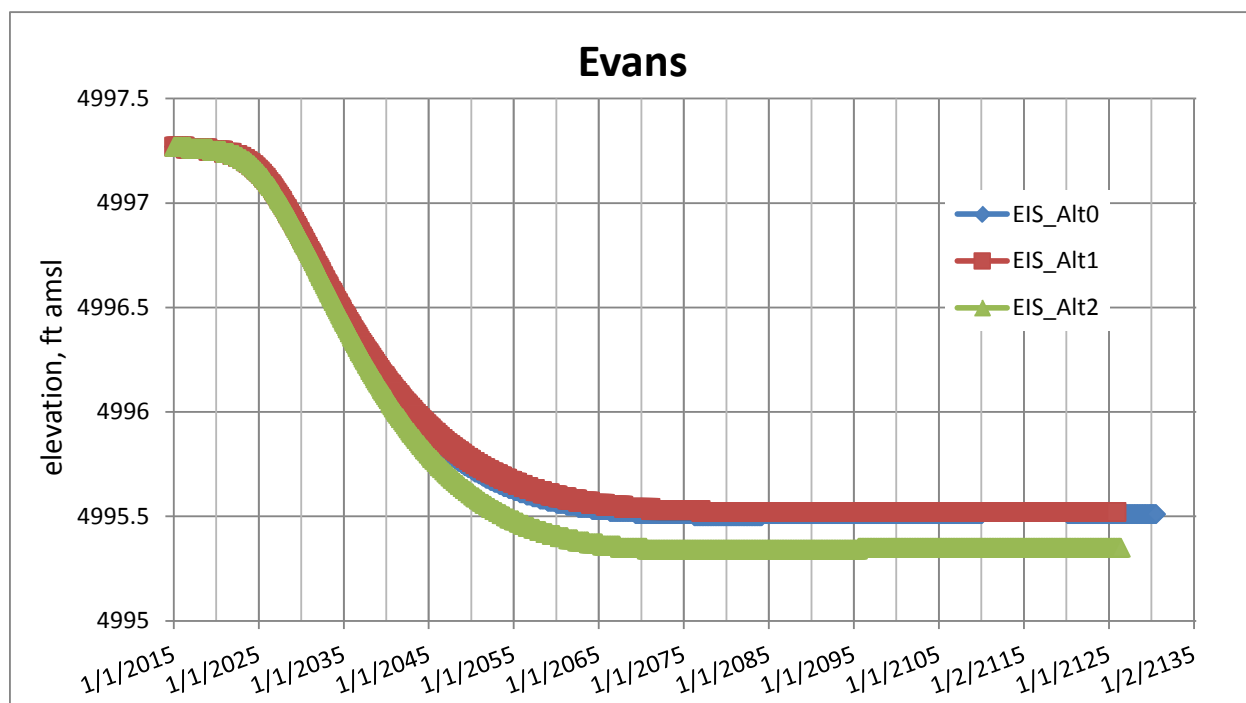


Figure 8. Projected Water Level at PW-1

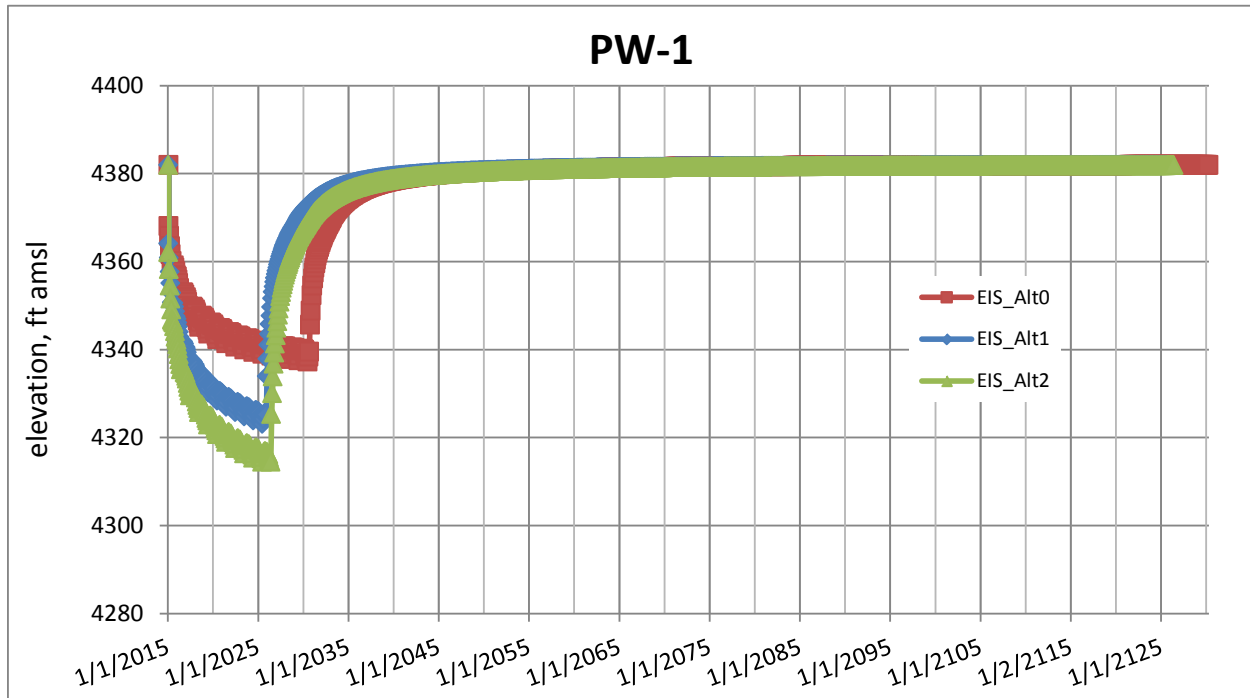


Figure 9. Projected Water Level at PW-2

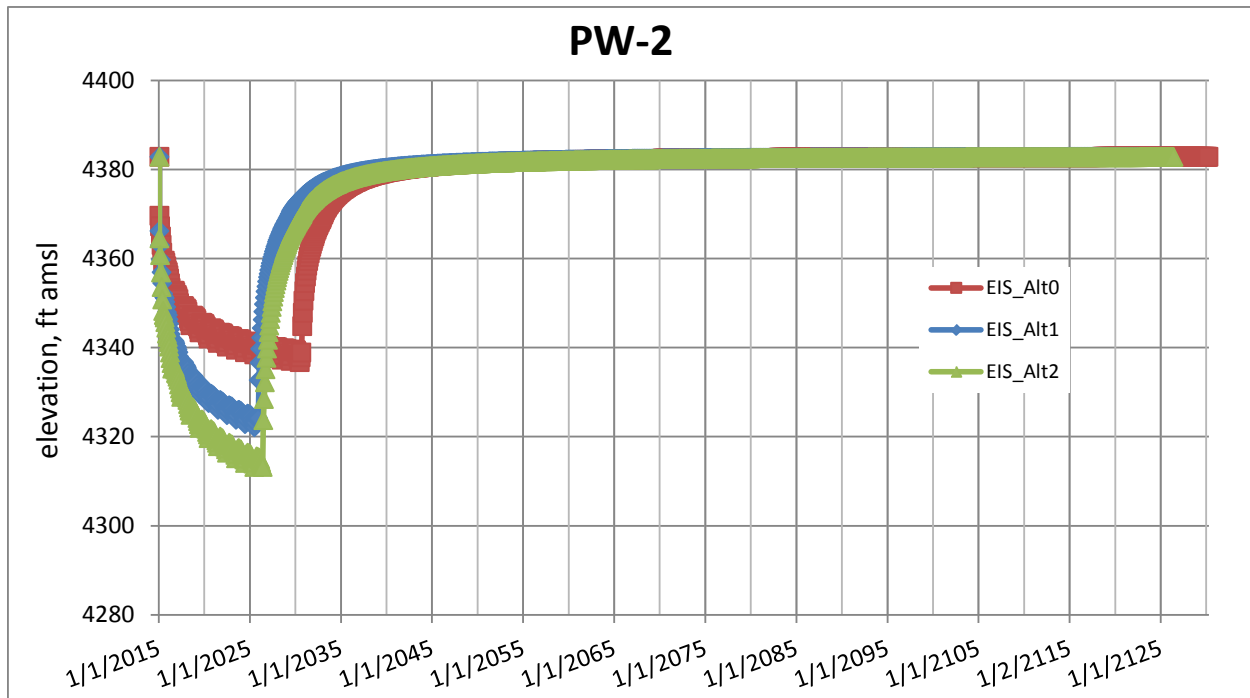


Figure 10. Projected Water Level at PW-3

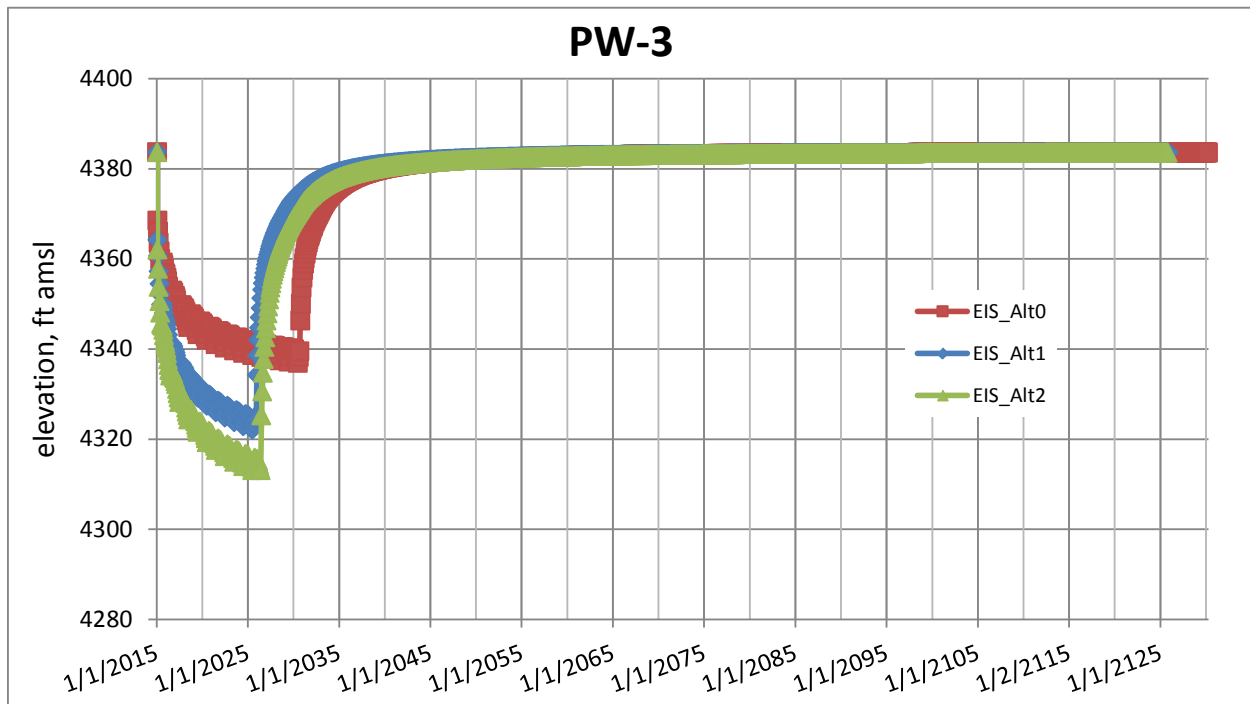


Figure 11. Projected Water Level at PW-4

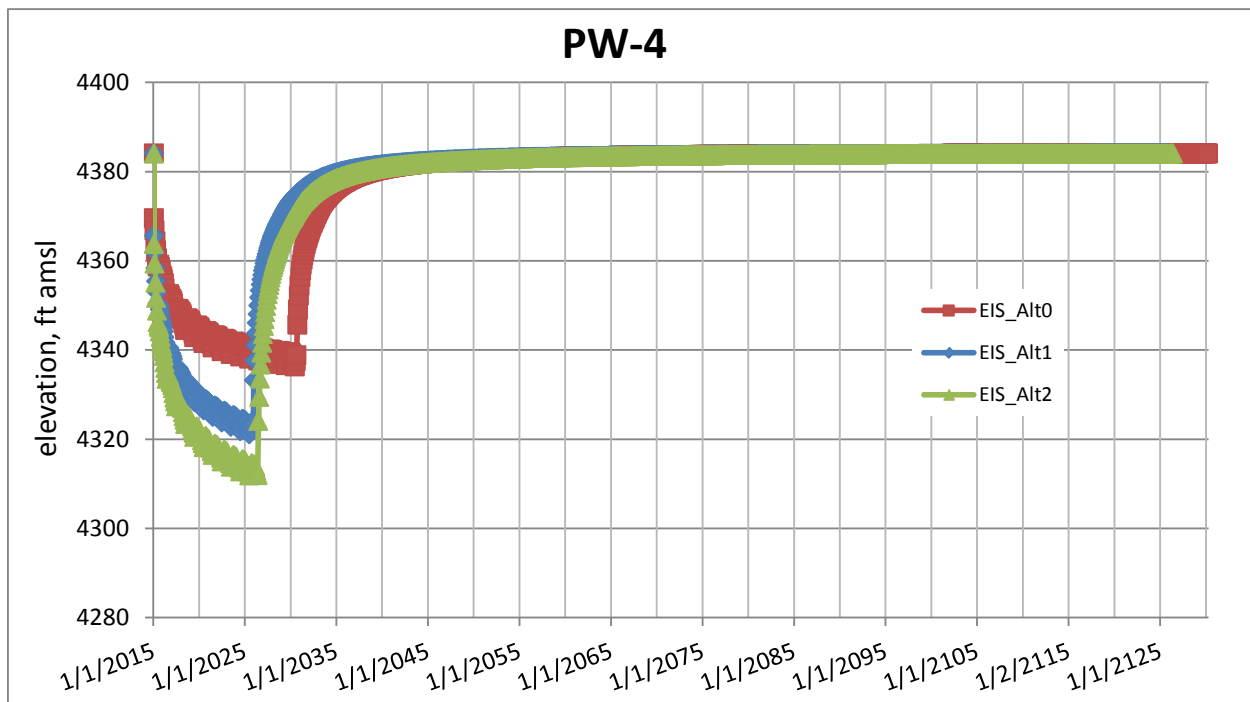


Figure 12. Projected Water Level at MW-1

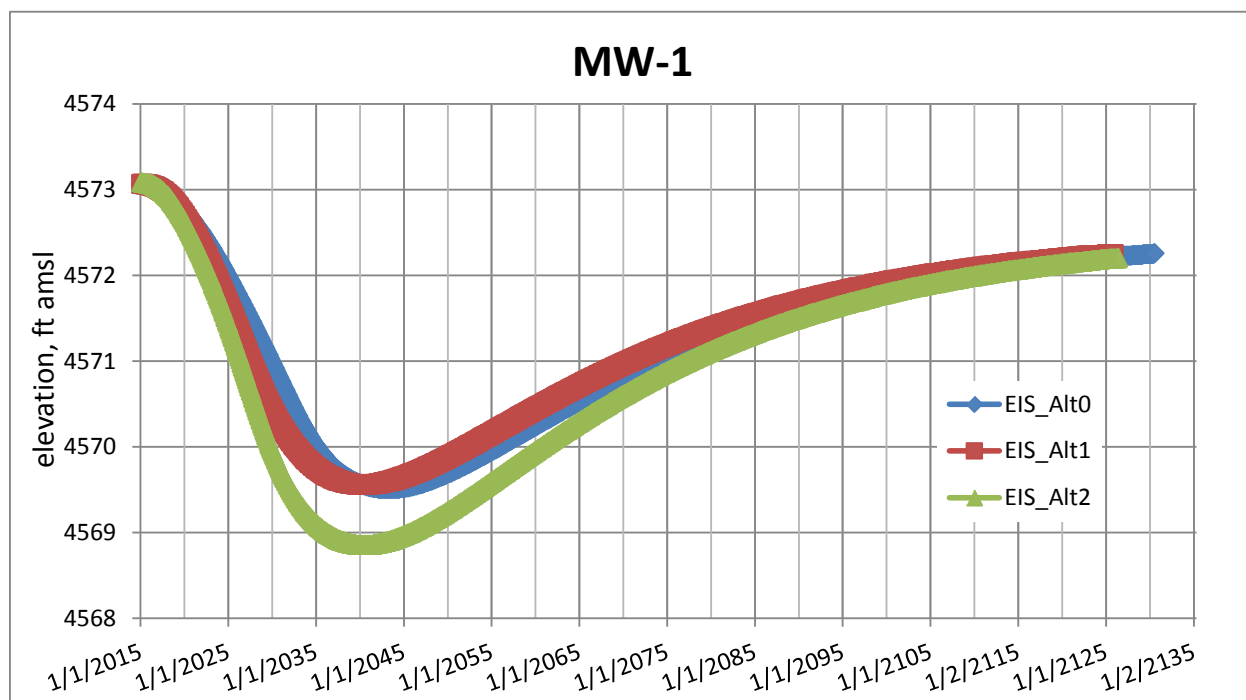


Figure 13. Projected Water Level at MW-6

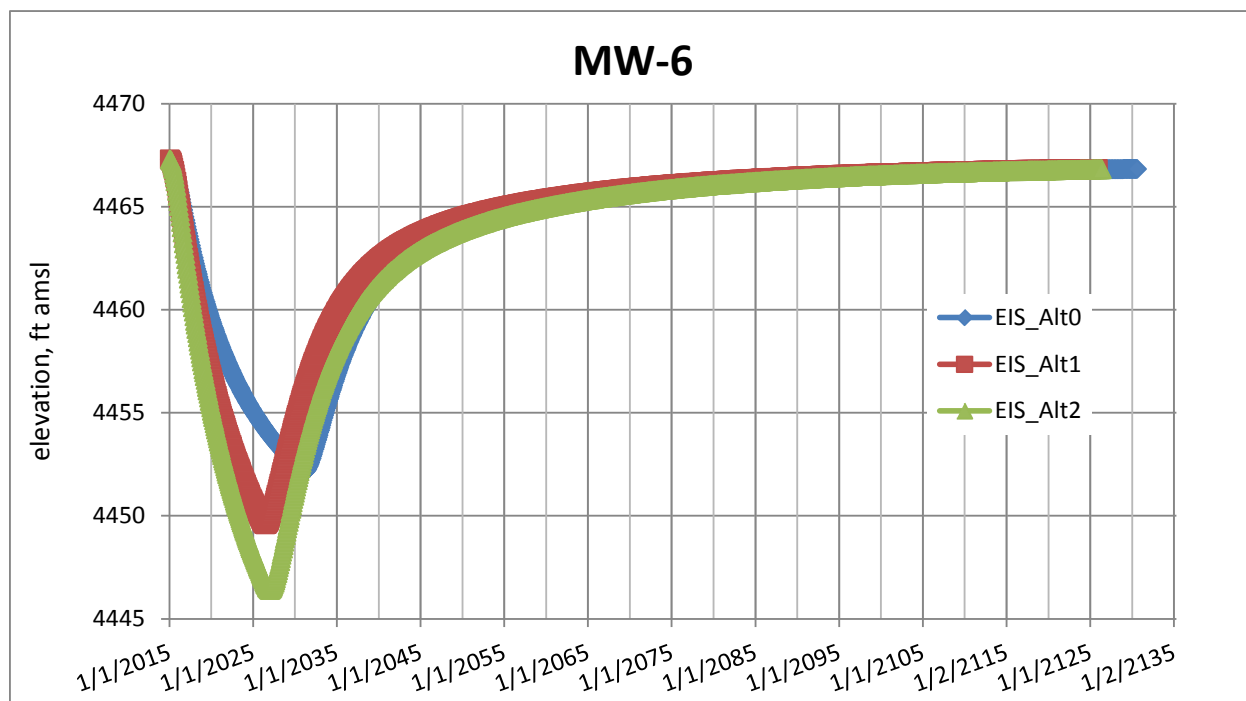


Figure 14. Projected Water Level at MW-8

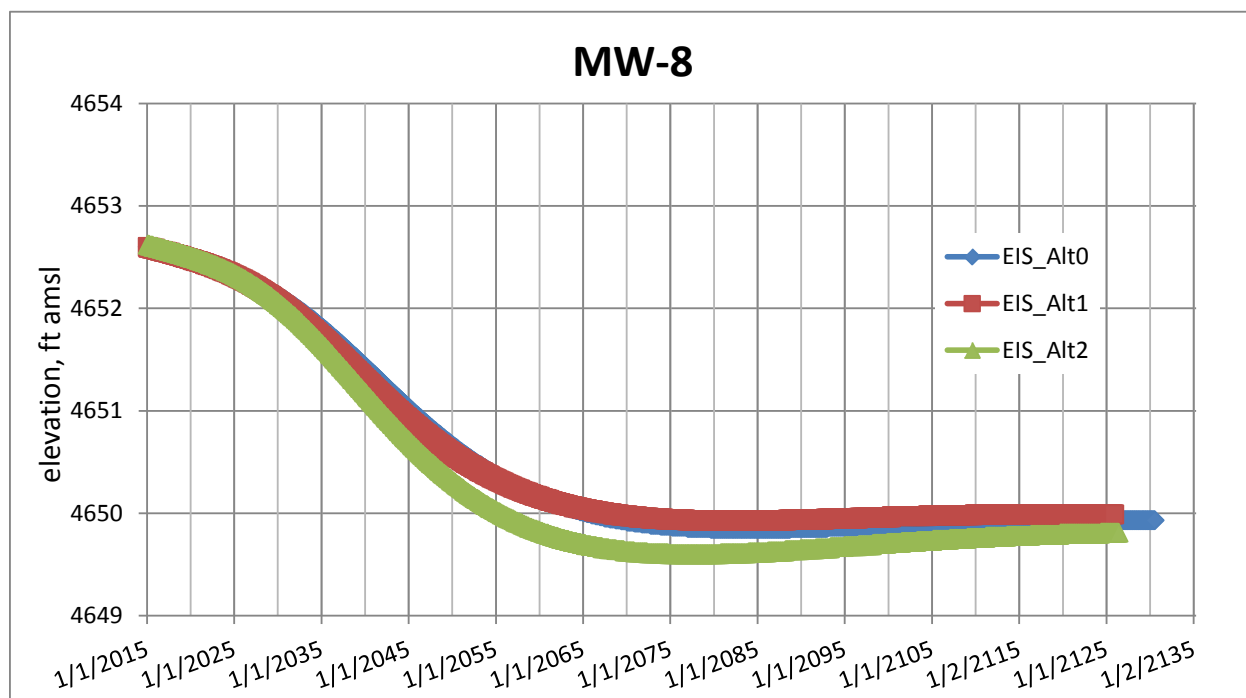


Figure 15. Projected Water Level at Ladder Airstrip

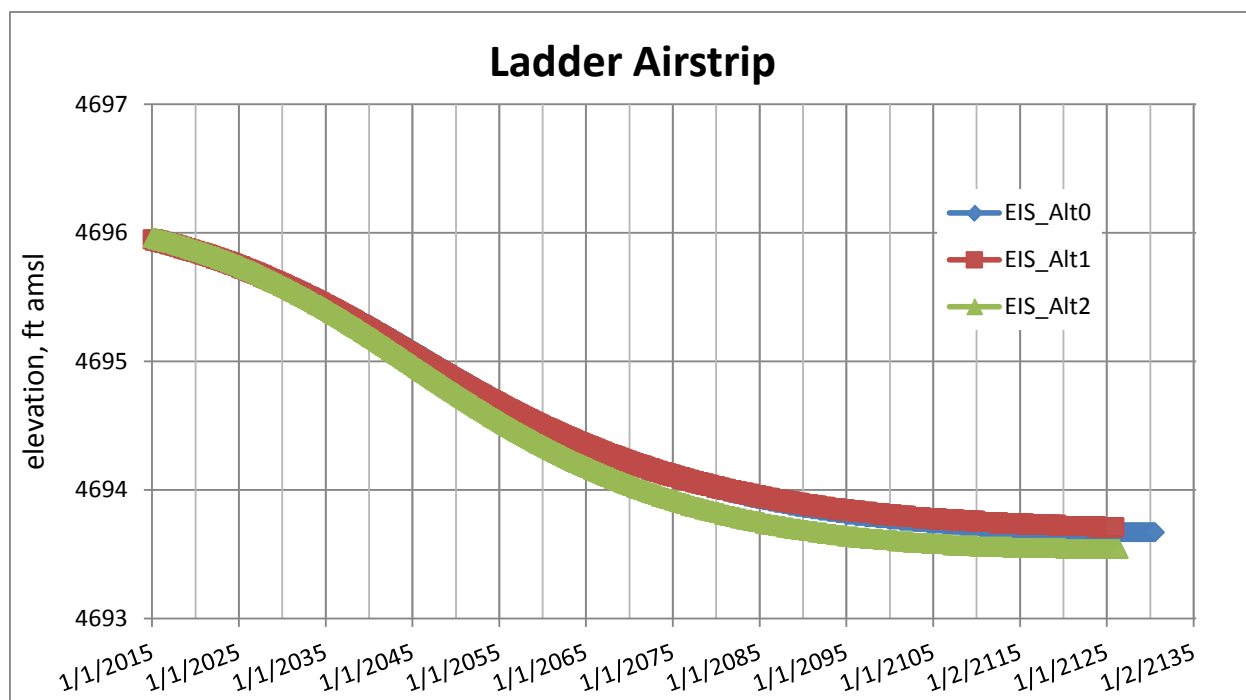


Figure 16. Projected Water Level at Chatfield Well

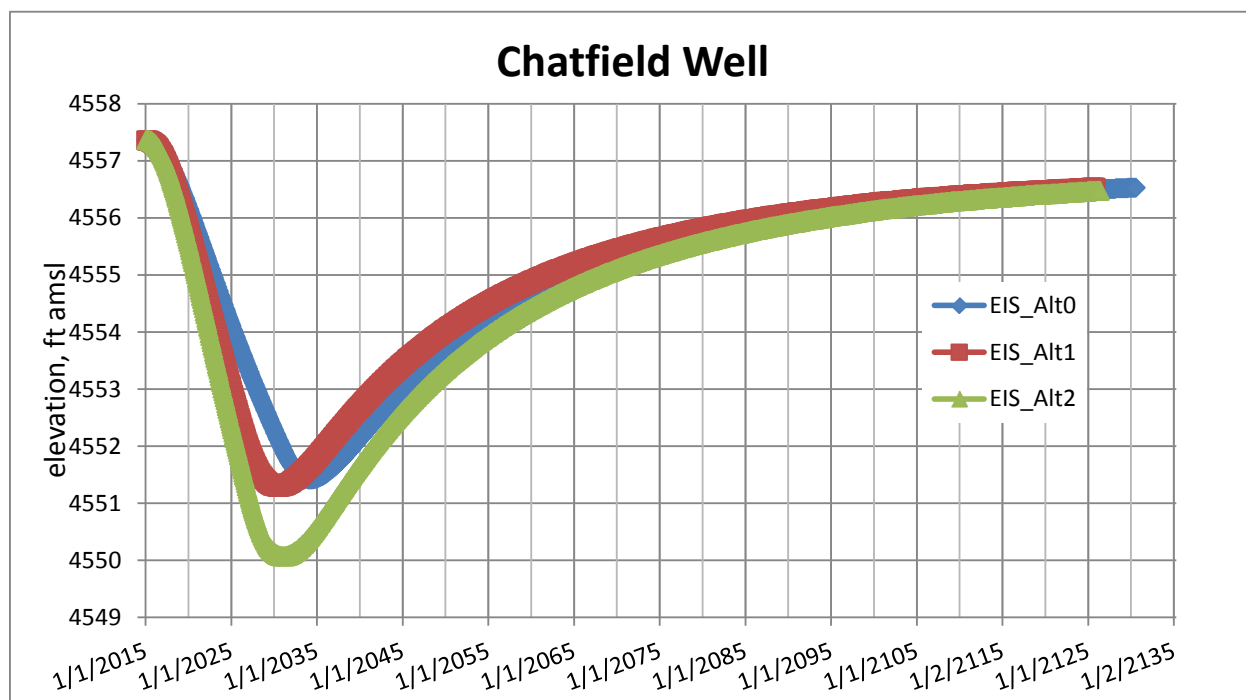


Figure 17. Projected Water Level at MW-9

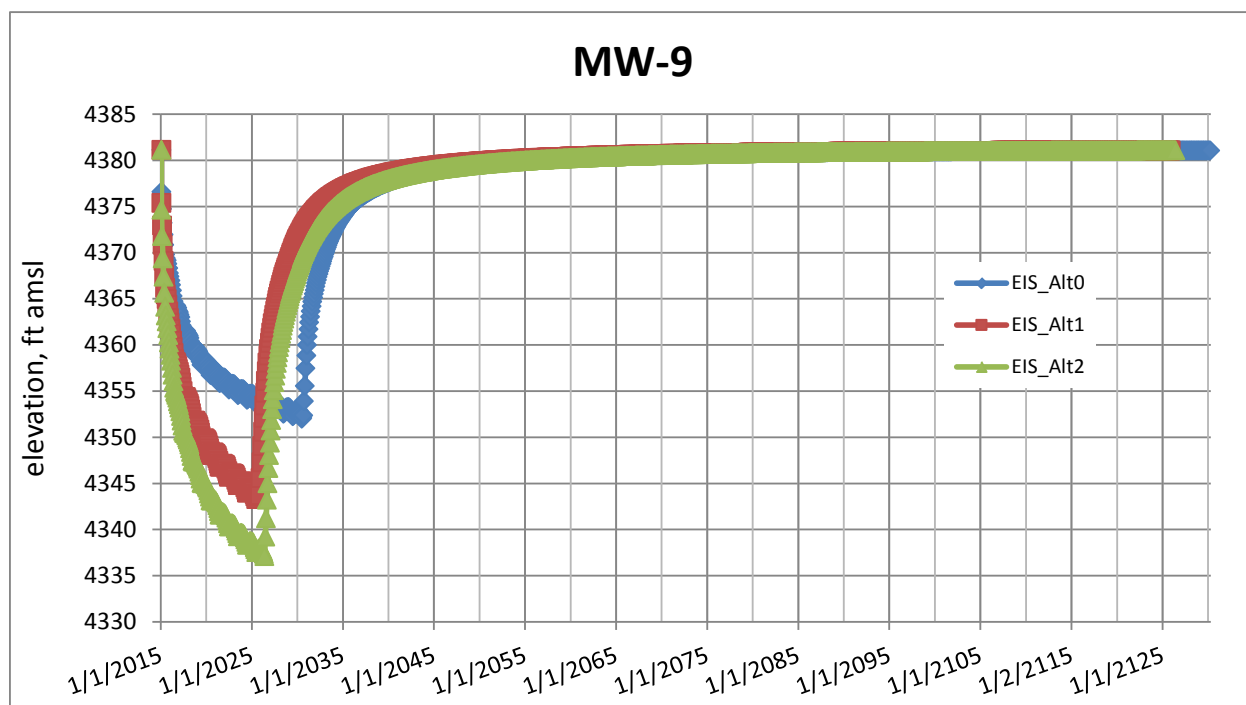


Figure 18. Projected Water Level at GWQ 11-27

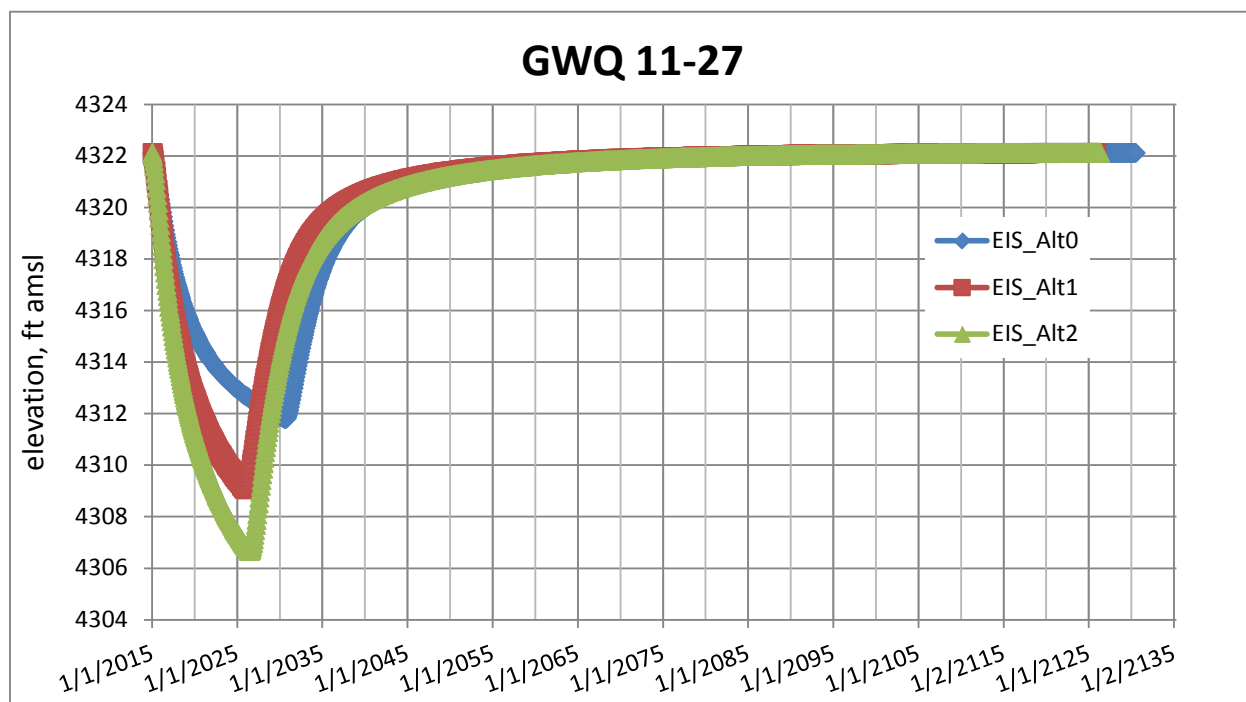


Figure 19. Projected Water Level at MW-10

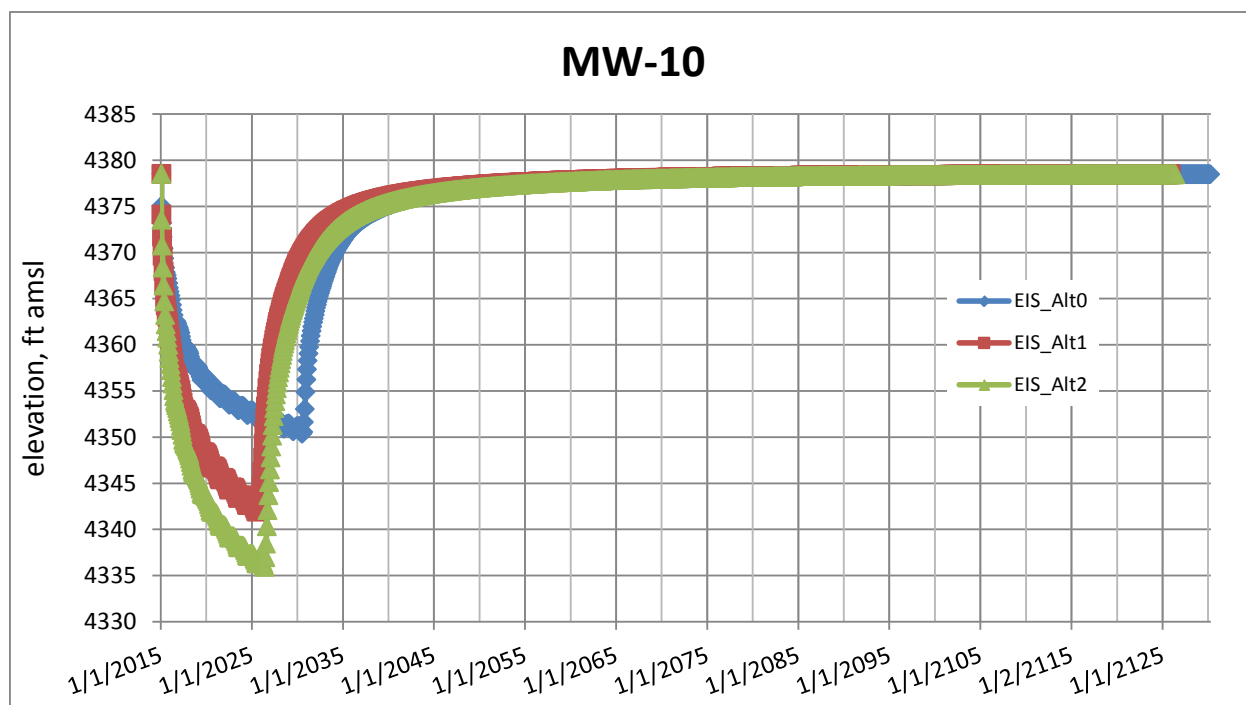


Figure 20. Projected Water Level at LRG10948

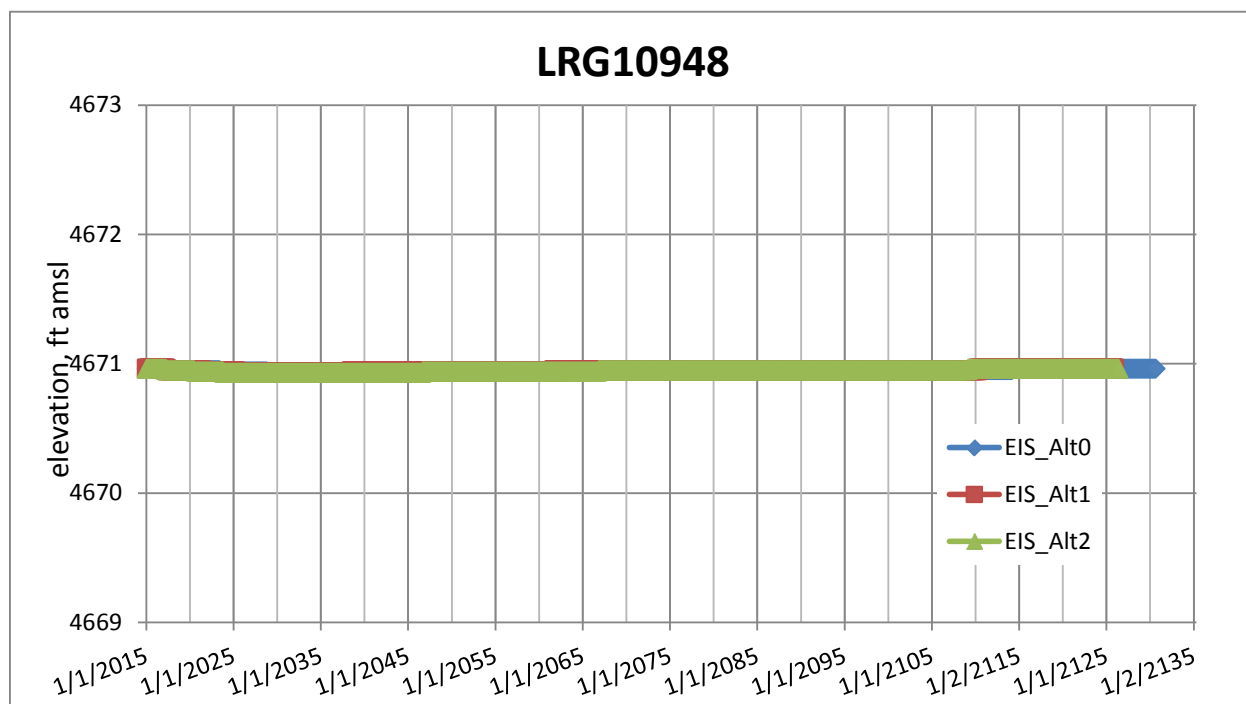


Figure 21. Projected Water Level at Upper Animas Riparian (8, 12)

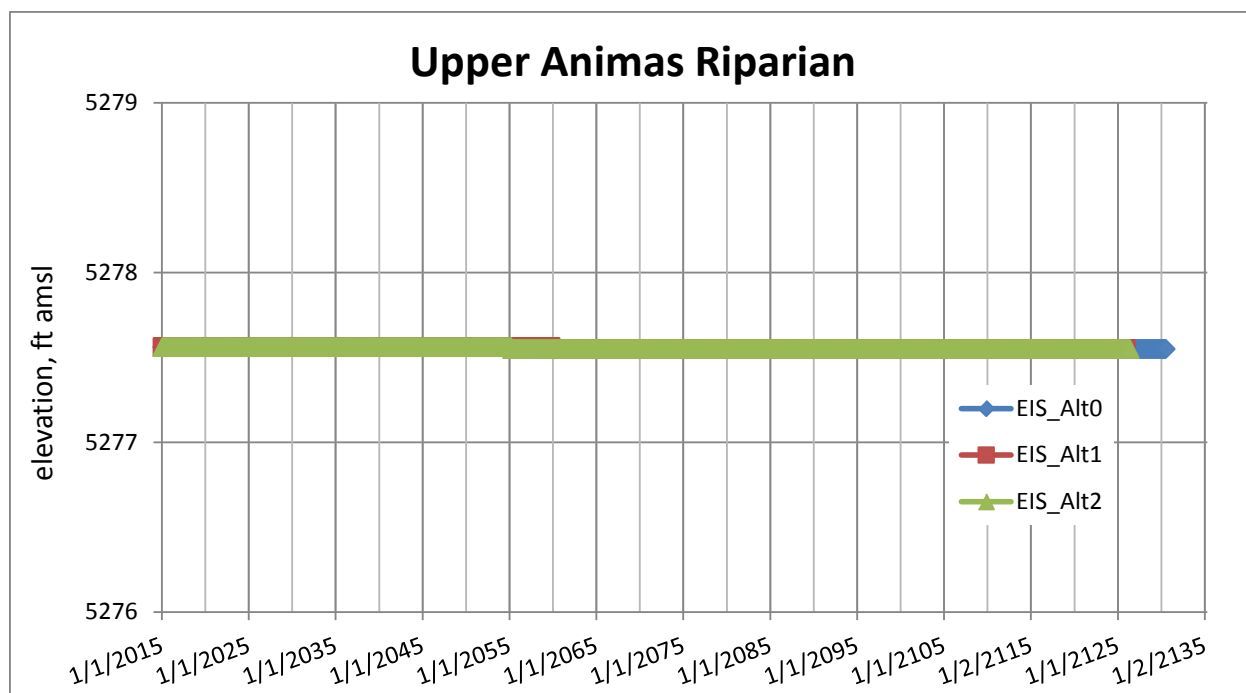


Figure 22. Projected Water Level at Middle Animas Riparian (18, 71)

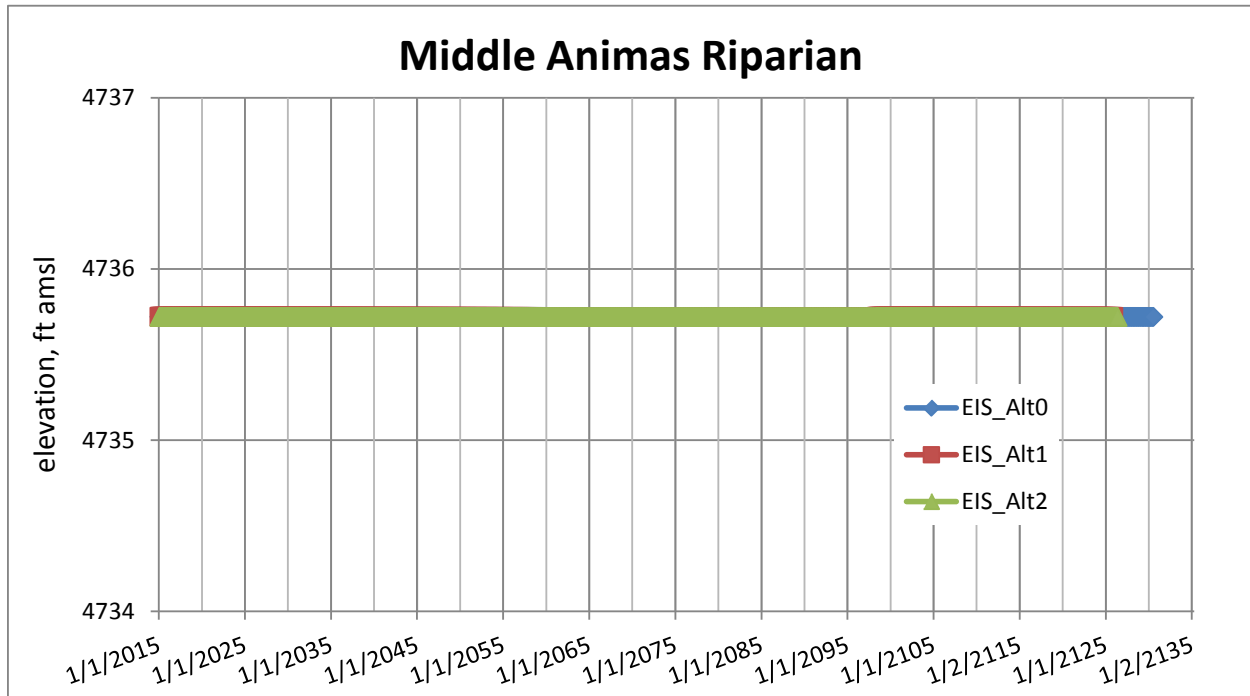


Figure 23. Projected Water Level at MW-11

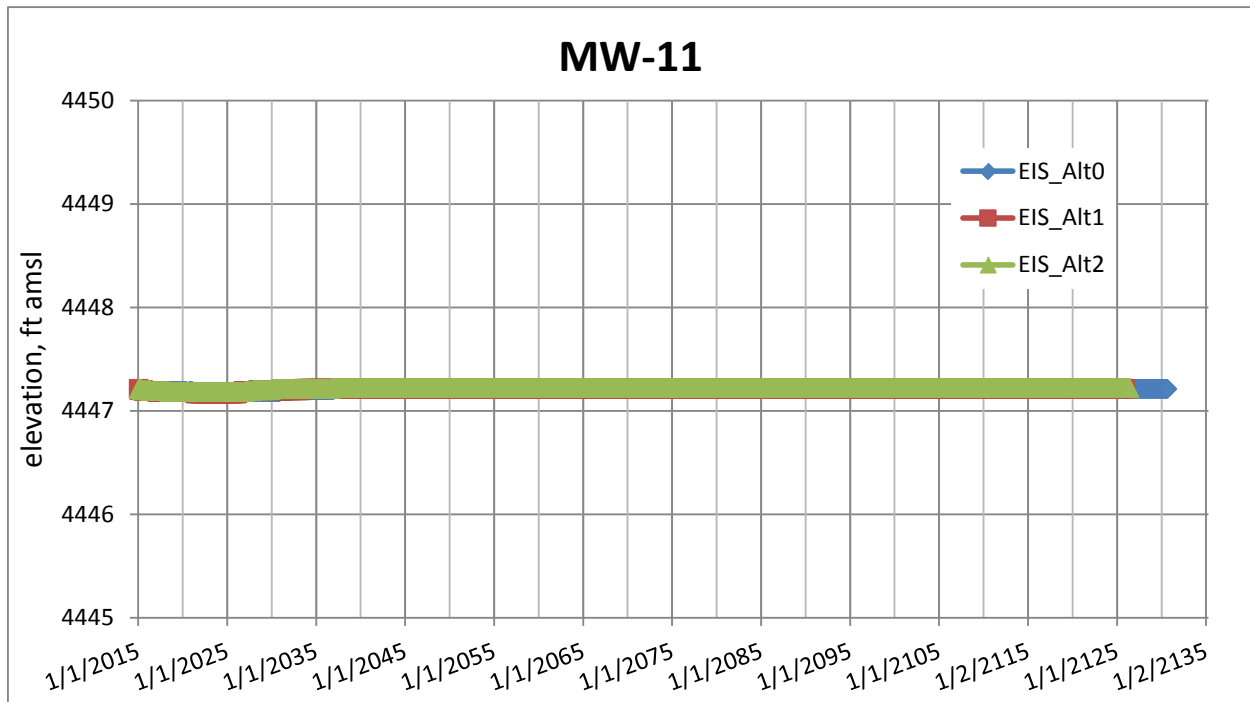


Figure 24. Projected Water Level at Upper Percha Riparian (74, 11)

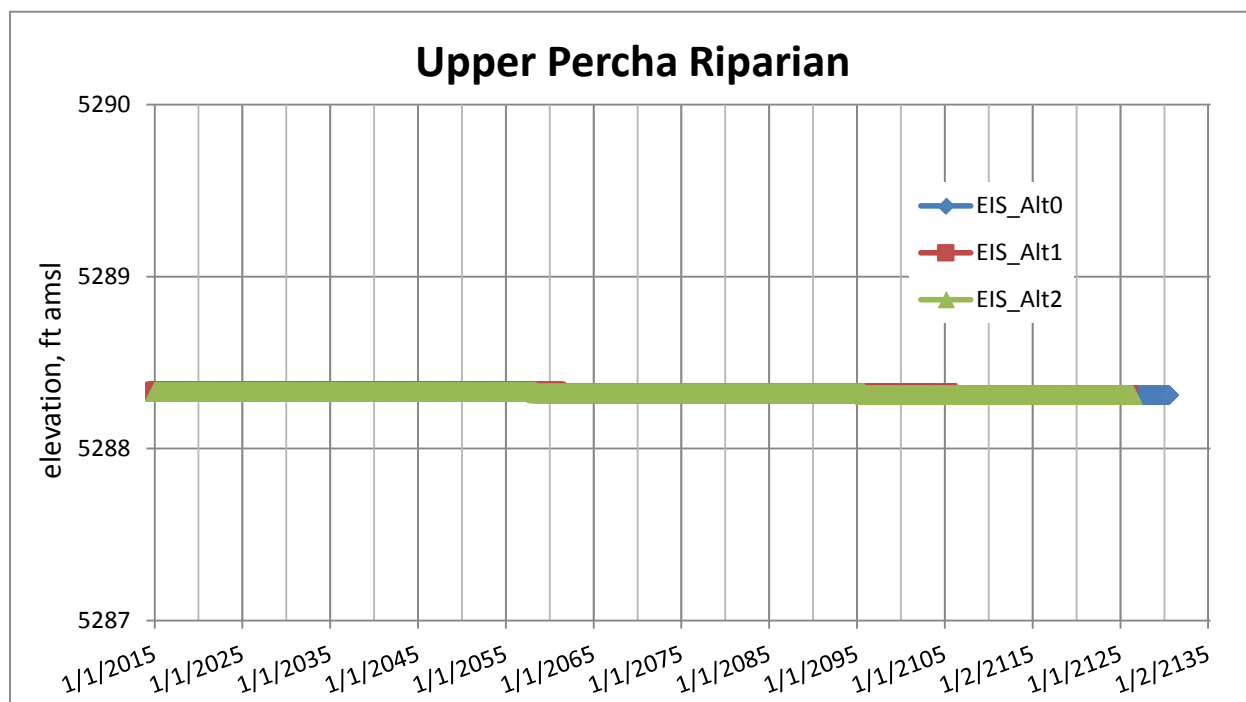


Figure 25. Projected Water Level at Percha Box Riparian (76, 46)

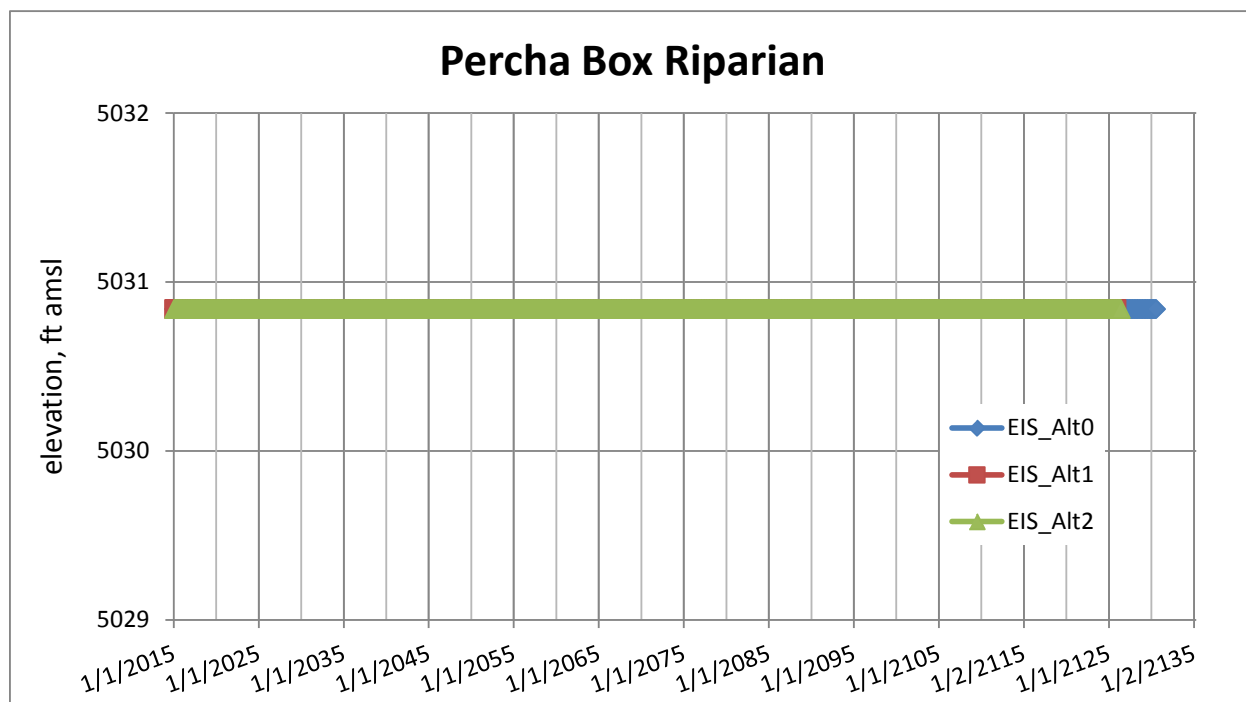


Figure 26. Projected Water Level at Warm Spring

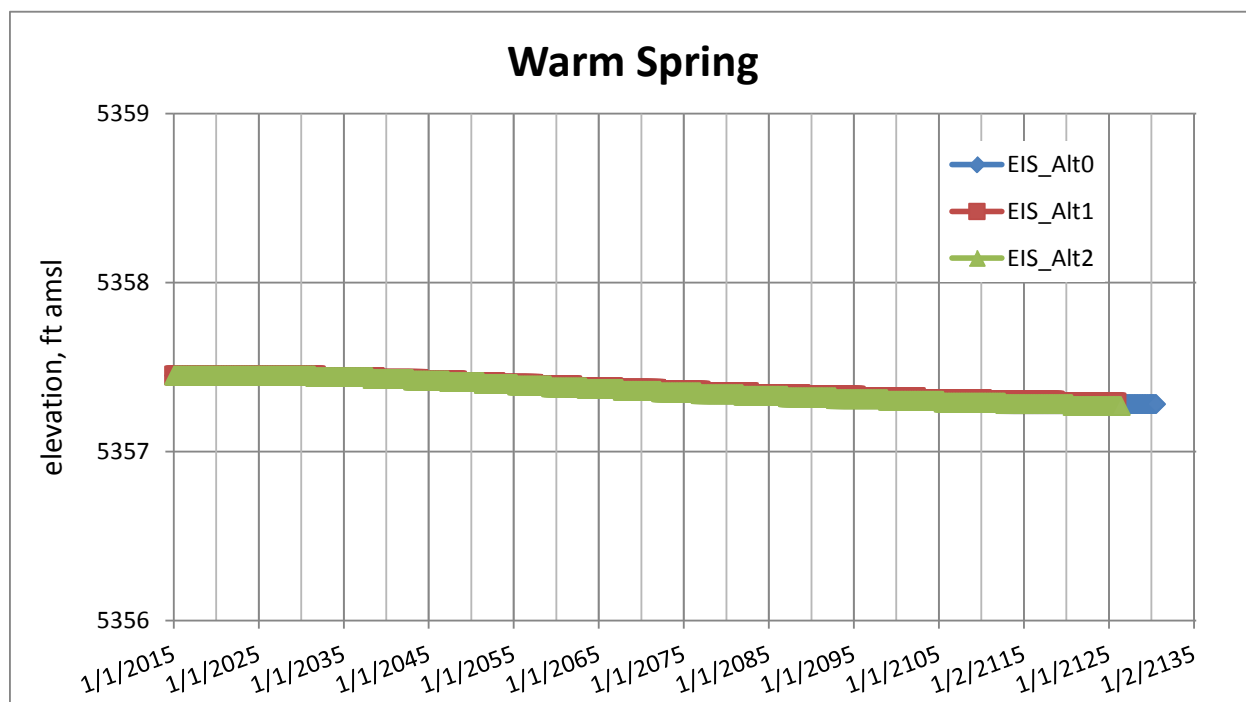
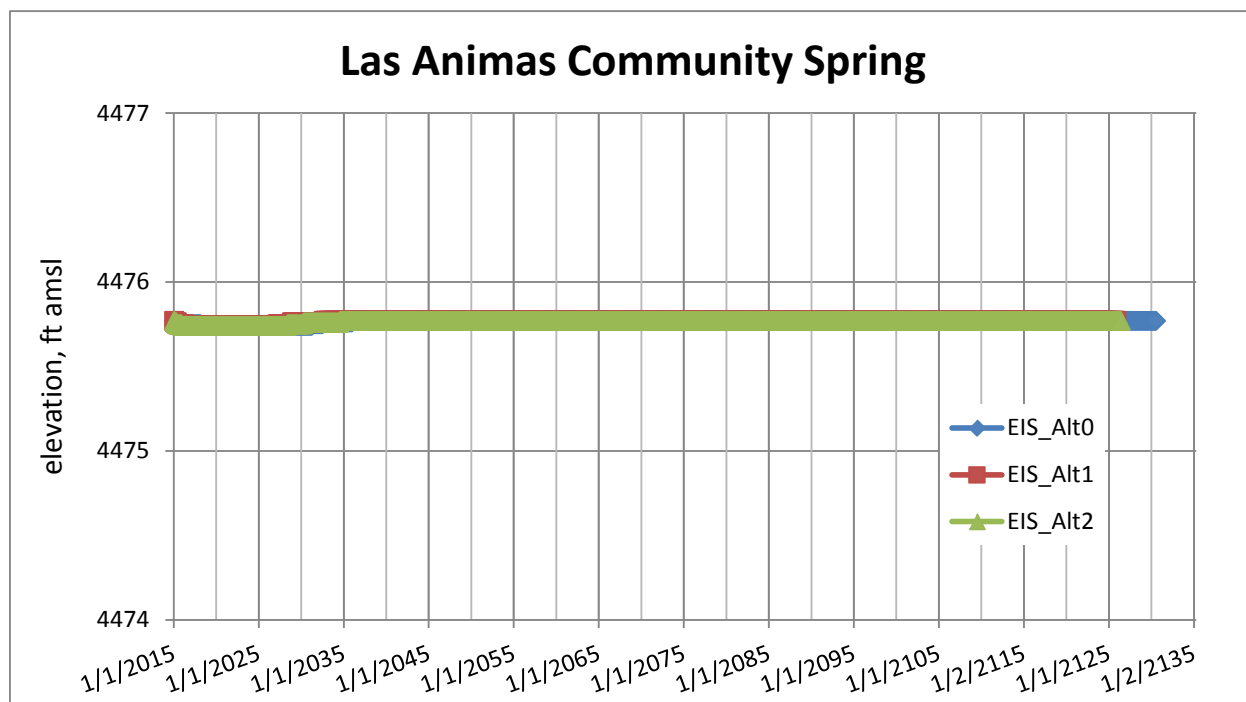


Figure 27. Projected Water Level at Las Animas Community Spring



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- [JSAI] Jones, M.A., Shomaker, J.W., and Finch, S.T. 2014. Model of groundwater flow in the Animas Uplift and Palomas Basin, Copper Flat Project, Sierra County, New Mexico: consultant's report prepared by John Shomaker & Associates, Inc. for New Mexico Copper Corporation, August 15, 2014.
- Murray, C.R. 1959. Ground-water conditions in the nonthermal artesian-water basin south of Hot Springs, Sierra County, New Mexico: New Mexico Office of the State Engineer Technical Report No. 10, 33 p.
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APPENDIX F

MODEL SENSITIVITY ANALYSES

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APPENDIX F: MODEL SENSITIVITY ANALYSES

TECHNICAL MEMORANDUM

To: New Mexico Copper Corporation

From: Michael Jones, Principal Hydrologist

Date: August 04, 2015

Subject: Alternative Model Projections – Sensitivity of Results of Operating Scenarios Considered for Copper Flat EIS

The model of groundwater flow in the Animas Uplift and the Palomas Basin (JSAI, 15 August, 2014) was used to project the effects of the proposed development of the Copper Flat deposit. Results are presented for three operating scenarios reflecting different mineral processing rates and mining duration, with associated rates and duration of groundwater use.

1. Processing 17,500 tons per day (tpd), for 15.7 years (total 100M t)
2. Processing 25,000 tpd for 10.9 years (total 100M t)
3. Processing 30,000 tpd for 11.3 years (total 125M t)

Model simulations include period-of-mining projections and post-mining projections for each scenario. The period-of-mining projections simulate water-supply pumping from the well field, and pit-area dewatering. The post-mining projections simulate ground-water level recovery around the well field and filling of the open pit.

Simulated conditions at the end of 2014 were used as starting conditions for the period-of-mining projections. Simulated conditions at the end of mining were used as starting conditions for the post-mining projections.

The projections assume water-supply pumping from wells PW-1 through PW-4, shown on Figure 1, to supply the makeup water required by the mill for the tailings stream, and water for other mine uses.

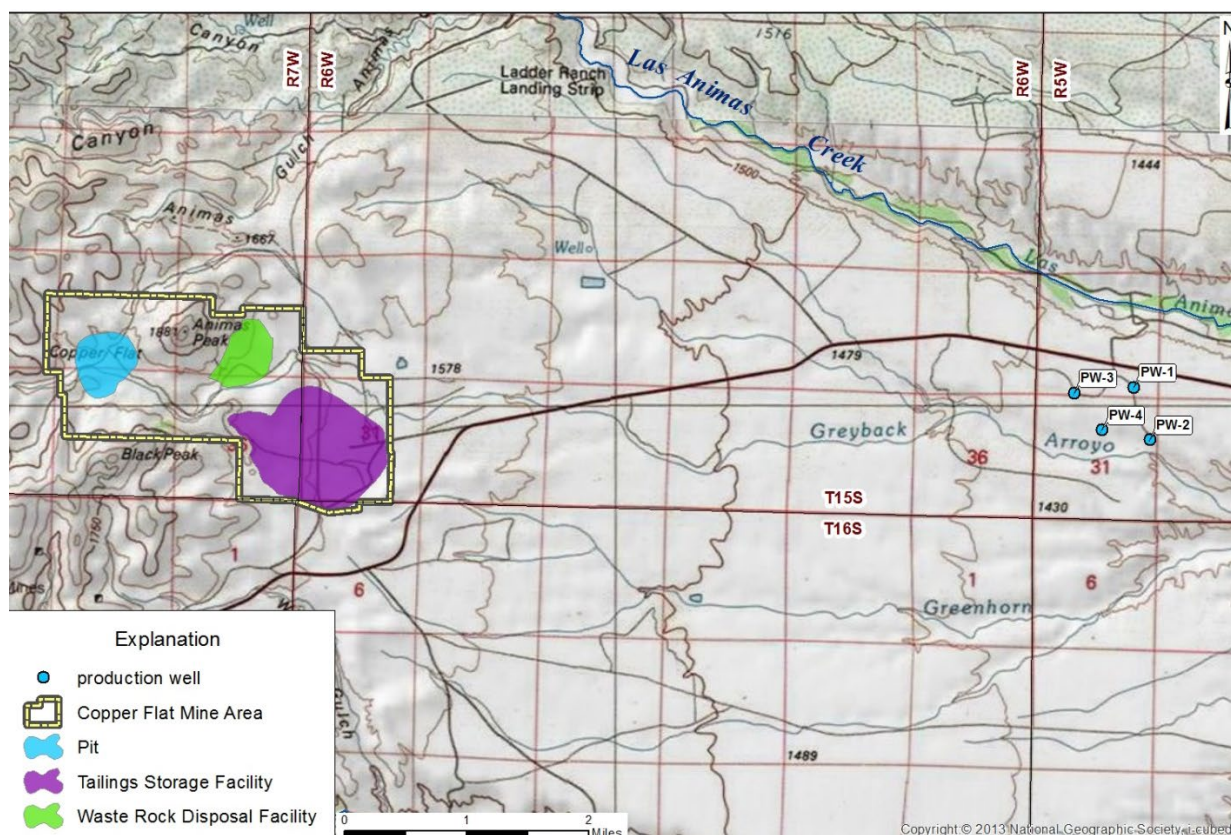


Figure 1. Pumping wells and proposed mine facilities

In order to examine the results of conservative projections, the head-dependent boundary condition at the north end of the model domain was converted to a specified-flow boundary. The effect of this change is to assume that pumping will not induce additional inflow from the north Palomas Graben. The result is more groundwater drawdown and flow depletion than would otherwise be simulated.

The projected groundwater use and resulting water balance changes are presented below for each scenario.

17,500 Tons Per Day, 15.7 Years Scenario EIS Alt0

Projected monthly make up water demand averages to an annual use of about 3,802 ac-ft/yr (from water balance file “Water Balance Model EIS.xlsx”, NMCC personal communication, 9 December 2013), is shown on Figure 2.

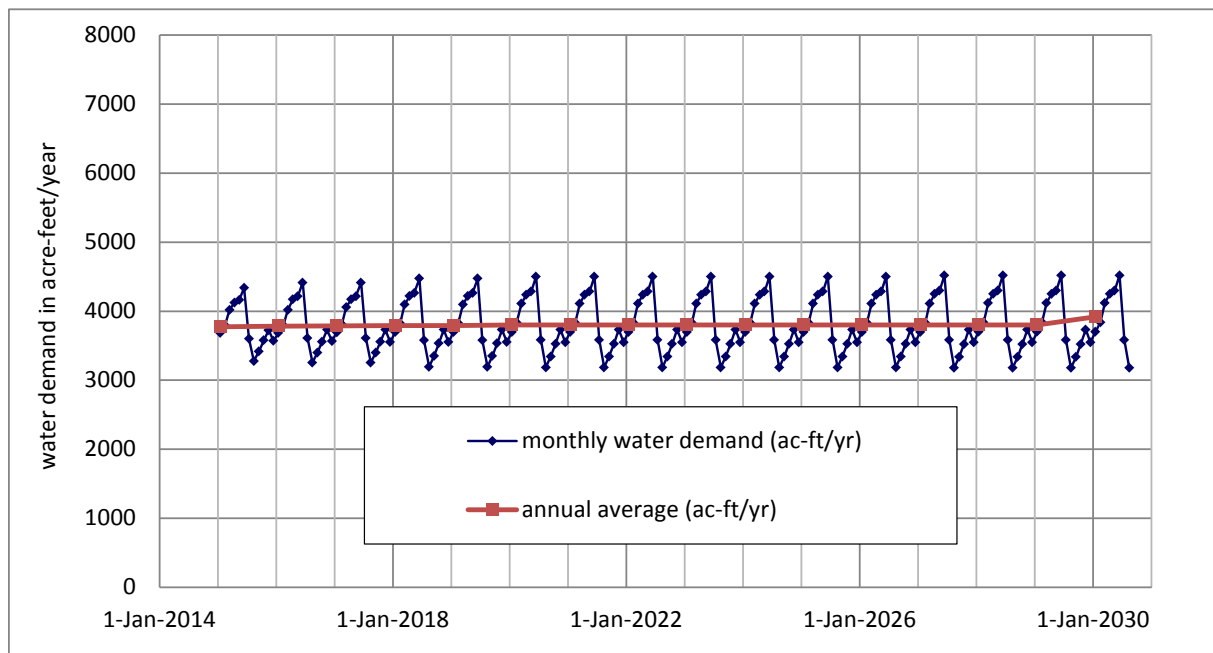


Figure 2. Projected groundwater demand, 17,500 tpd 15.7 y scenario.

Results are summarized on Table 1.

25,000 Tons Per Day, 10.9 Years Scenario EIS Alt1

Projected monthly make up water demand averages to an annual use of about 5,290 ac-ft/yr (from water balance file “Water Balance Model EIS.xlsx”, NMCC personal communication, 9 December 2013), is shown on Figure 3.

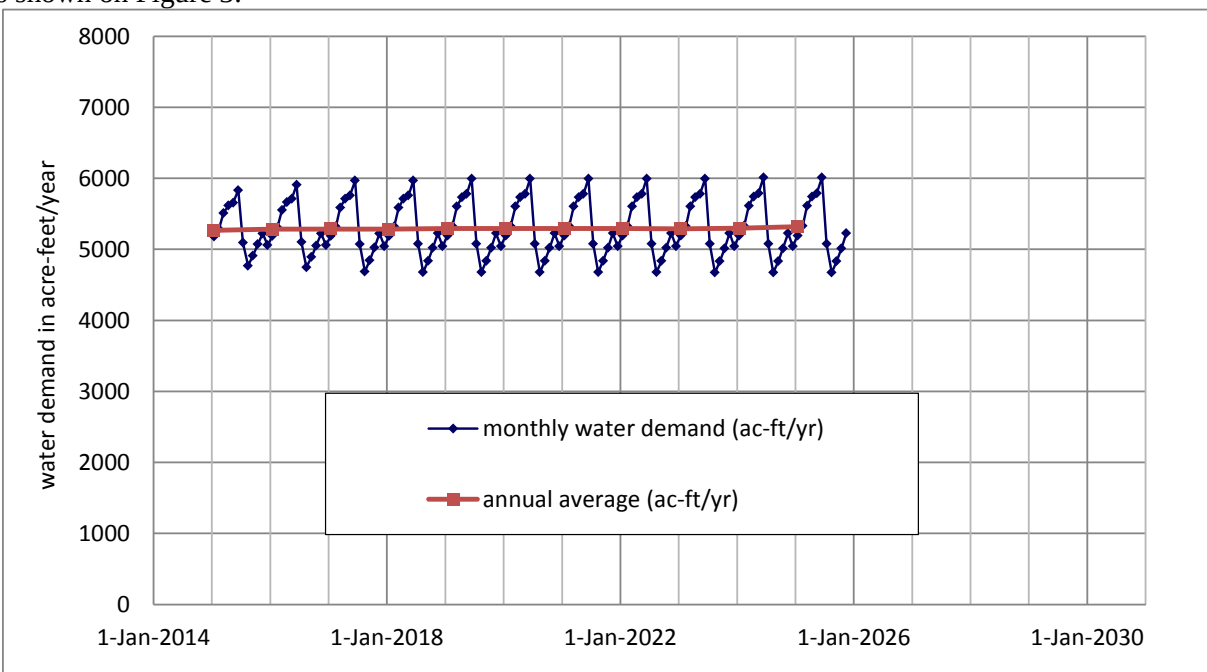


Figure 3. Projected groundwater demand, 25,000 tpd, 10.9 y scenario.

Results are summarized on Table 2.

30,000 Tons Per Day, 11.3 Years Scenario EIS Alt2

Projected monthly make up water demand averages to an annual use of about 6,101 ac-ft/yr (from water balance file “Water Balance Model EIS.xlsx”, NMCC personal communication, 9 December 2013), is shown on Figure 4.

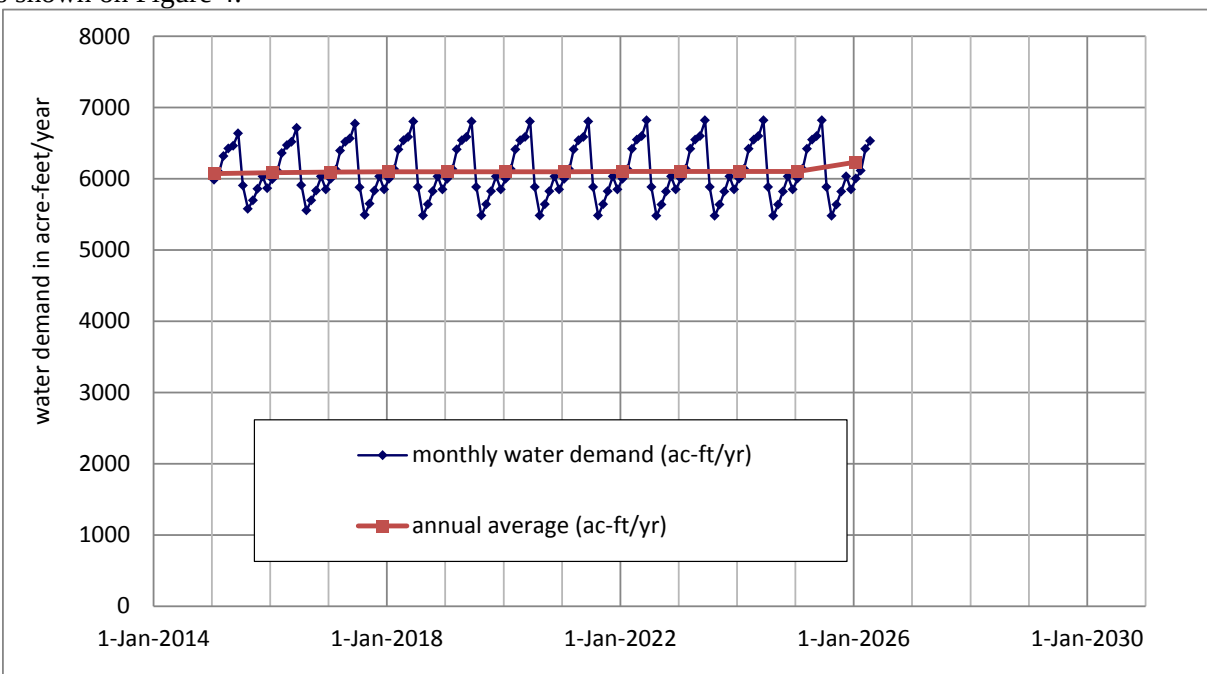


Figure 4. Projected groundwater demand, 30,000 tpd, 11.3 y scenario.

Results are summarized on Table 3.

Summary

The model of groundwater flow in the Animas Uplift and the Palomas Basin (JSAI, 21 August, 2013) was used to project the effects of the proposed development of the Copper Flat deposit, for three mining scenarios:

1. Mining 17,500 tpd, for 15.7 years (total 100M t)
2. Mining 25,000 tpd for 10.9 years (total 100M t)
3. Mining 30,000 tpd for 11.3 years (total 125M t)

Results of each are summarized in Tables 1, 2 and 3.

Table 1. Summary results of Proposed Action (17,500 tpd, for 15.7 years)

Change in Flow, Acre-Feet Per Year			
Parameter	Rate 3 months after end of mining	Rate 100 yrs after mining	Flow rate with no mine
Storage	-2,380	-29	27
Groundwater discharge to Rio Grande above Caballo Dam	869	33	-10,561
Groundwater discharge to Rio Grande below Caballo Dam	682	6	-1,234
Discharge from flowing wells	824	11	-2,030
Animas Ck evapotranspiration and flow reduction	13	1	-4,848
Percha Ck evapotranspiration and flow reduction	19	4	-2,630
Flow to open pit	-21	-28	-7
Inflow from graben north of study area	0	0	2,184

Cumulated Change in Volume, Acre Feet	
Parameter	Volume change post-mining (ac-ft)
Storage	3,943
Rio Grande above Caballo Dam	24,557
Rio Grande below Caballo Dam	14,296
Flowing wells	18,754
Animas Ck flow and evapotranspiration	383
Percha Ck flow and evapotranspiration	810
Total	62,743

Table 2. Summary results of Alternative 1 (25,000 tpd for 10.9 years)

Change in Flow, Acre-Feet Per Year			
Parameter	Rate 3 months after end of mining	Rate 100 yrs after mining	Flow rate with no mine
Storage	-2,792	-25	27
Groundwater discharge to Rio Grande above Caballo Dam	989	31	-10,561
Groundwater discharge to Rio Grande below Caballo Dam	822	6	-1,234
Discharge from flowing wells	972	10	-2,030
Animas Ck evapotranspiration and flow reduction	15	1	-4,848
Percha Ck evapotranspiration and flow reduction	21	4	-2,630
Flow to open pit	-24	-28	-7
Inflow from graben north of study area	0	0	2,184

Cumulated Change in Volume, Acre Feet	
Parameter	Volume change post-mining (ac-ft)
Storage	3,794
Rio Grande above Caballo Dam	24,039
Rio Grande below Caballo Dam	13,909
Flowing wells	18,195
Animas Ck flow and evapotranspiration	385
Percha Ck flow and evapotranspiration	816
Total	61,138

Table 3. Summary results of Alternative 2 (30,000 tpd for 11.3 years)

Change in Flow, Acre-Feet Per Year			
Parameter	Rate 3 months after end of mining	Rate 100 yrs after mining	Flow rate with no mine
Storage	-3,214	-27	27
Groundwater discharge to Rio Grande above Caballo Dam	1,155	34	-10,561
Groundwater discharge to Rio Grande below Caballo Dam	955	7	-1,234
Discharge from flowing wells	1,104	12	-2,030
Animas Ck evapotranspiration and flow reduction	18	2	-4,848
Percha Ck evapotranspiration and flow reduction	25	4	-2,630
Flow to open pit	-33	-30	-7
Inflow from graben north of study area	0	0	2,184

Cumulated Change in Volume, Acre Feet	
Parameter	Volume change post-mining (ac-ft)
Storage	4,730
Rio Grande above Caballo Dam	28,772
Rio Grande below Caballo Dam	16,831
Flowing wells	21,818
Animas Ck flow and evapotranspiration	443
Percha Ck flow and evapotranspiration	953
Total	73,547

REFERENCE

[JSAI] John Shomaker & Associates, Inc., 15 August, 2014, Model of Groundwater Flow in the Animas Uplift and Palomas Basin, Copper Flat Project, Sierra County, New Mexico: Consultant report prepared for NM Copper Corporation.

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DRAFT TECHNICAL MEMORANDUM

To: Katie Emmer, THEMAC Resources kemmer@themacresourcesgroup.com
New Mexico Copper Corporation

From: Michael A. Jones, Principal Hydrologist

Date: 04 August 2014

Subject: Copper Flat model sensitivity to fault conductance.

The JSAI Copper Flat model was run assuming no resistance to flow across the south-bounding fault of the andesite, between Copper Flat and Percha Creek. The change resulted in too-low simulated water levels north of Percha Creek, as much as 200 feet below the measured levels.

Figure 1 shows projected flow changes, due to the Copper Flat project, for EIS Alt 2. Figure 2 shows projected end-of-mining drawdown for EIS Alt 2. Both drawdown and flow changes are about the same as with the calibrated model.

Figure 1. Projected flow changes, EIS Alt 2.

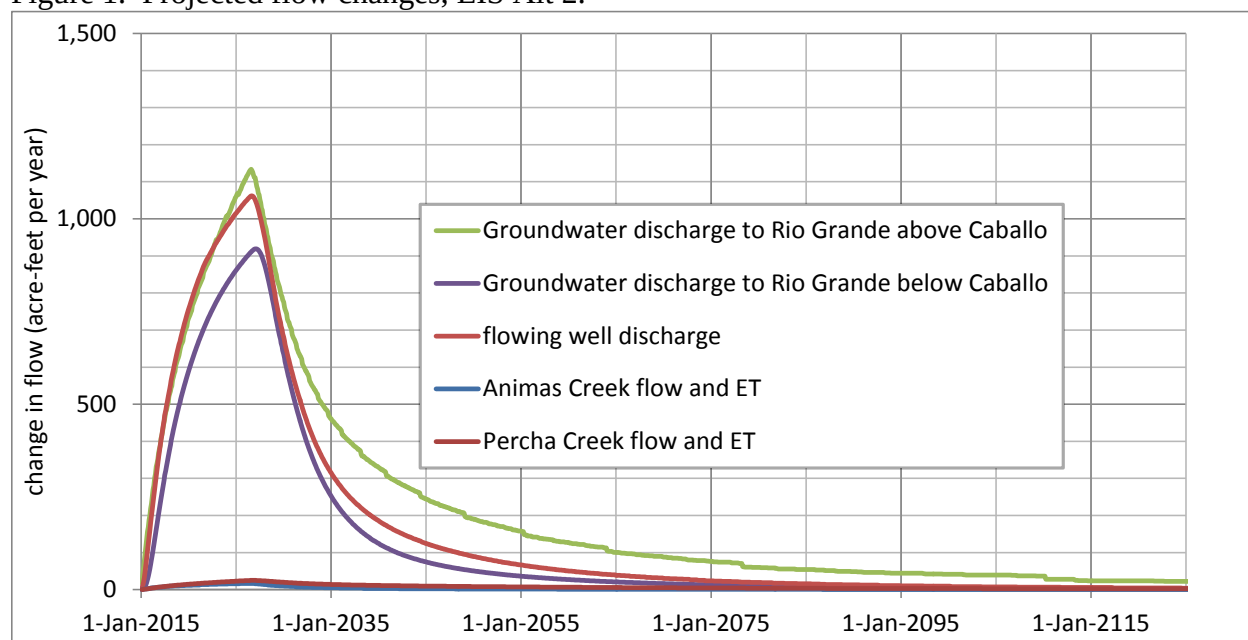
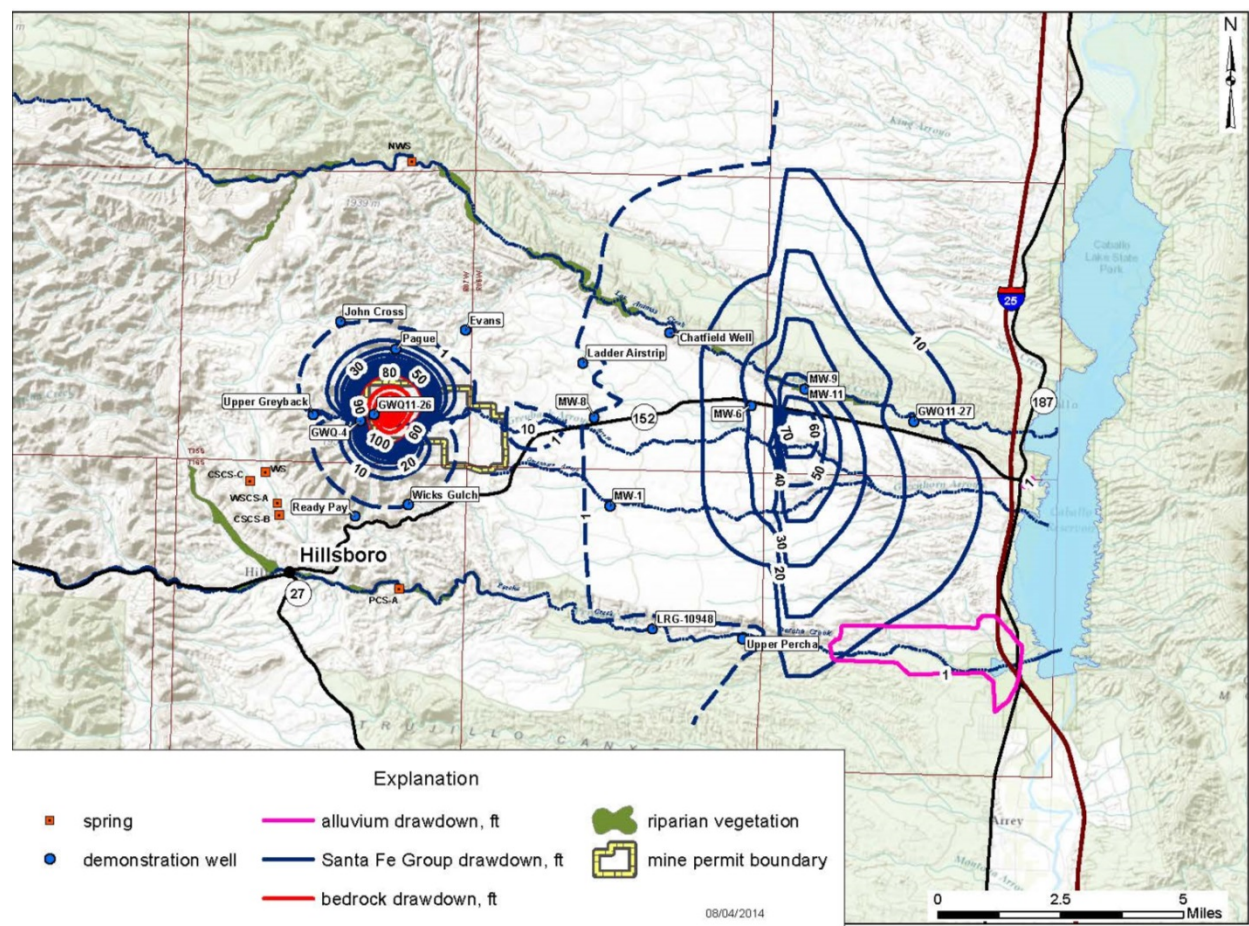


Figure 2. Projected End-of-Mining drawdown, EIS Alt 2.



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DRAFT TECHNICAL MEMORANDUM

To: Katie Emmer, THEMAC Resources
New Mexico Copper Corporation

kemmer@themacresourcesgroup.com

From: Michael A. Jones, Principal Hydrologist

Date: 04 August 2014

Subject: Copper Flat model sensitivity to graben anisotropy.

The JSAI Copper Flat model was run assuming a horizontal-to-vertical anisotropy of 100 in the Palomas Graben, to test the sensitivity of model results to graben anisotropy. The calibrated model uses anisotropy of 1, based on previous sensitivity analysis (JSAI, 2014, section 7.1), shown on the Figure 7.1 below.

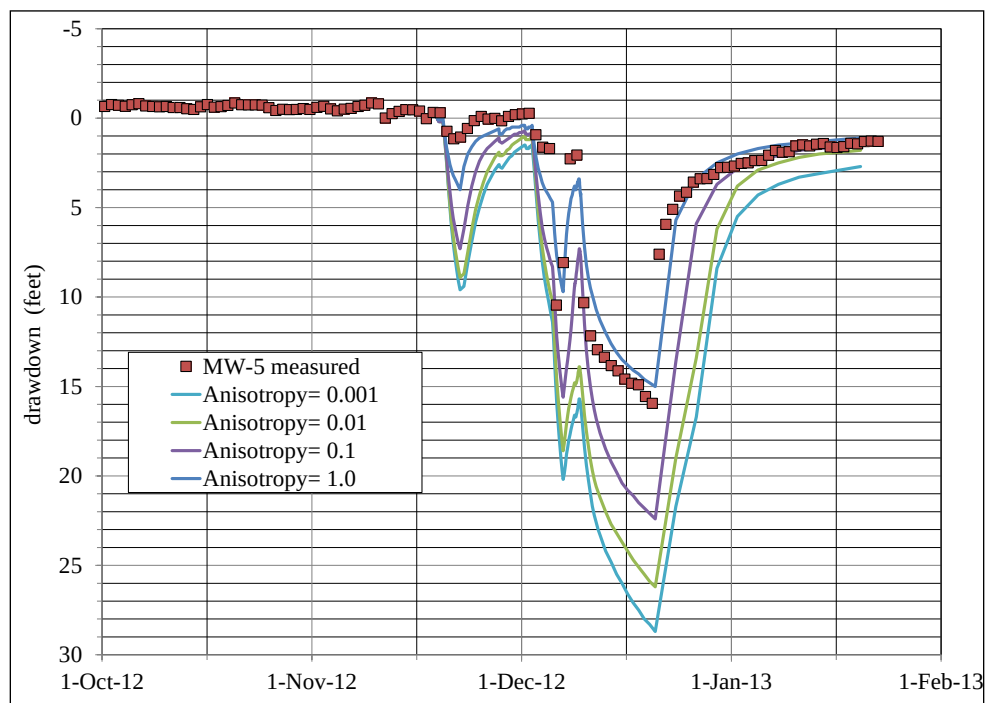


Figure 7.1 (JSAI, 2014). Simulated aquifer-test drawdown in well MW-5 for different vertical anisotropy values.

Figures 1 through 4 show results of the aquifer test calibration. The reproduction of the aquifer test results is not as good as with the calibrated model, suggesting a smaller anisotropy is more likely.

Figure 5 shows projected end-of-mining drawdown for EIS Alt 2. Drawdown in the Santa Fe Group aquifer is larger than with the calibrated model. Figure 6 shows projected flow changes due to the Copper Flat project. Flow changes are about the same as with the calibrated model.

Figure 1. Measures and simulated aquifer test response in PW-2

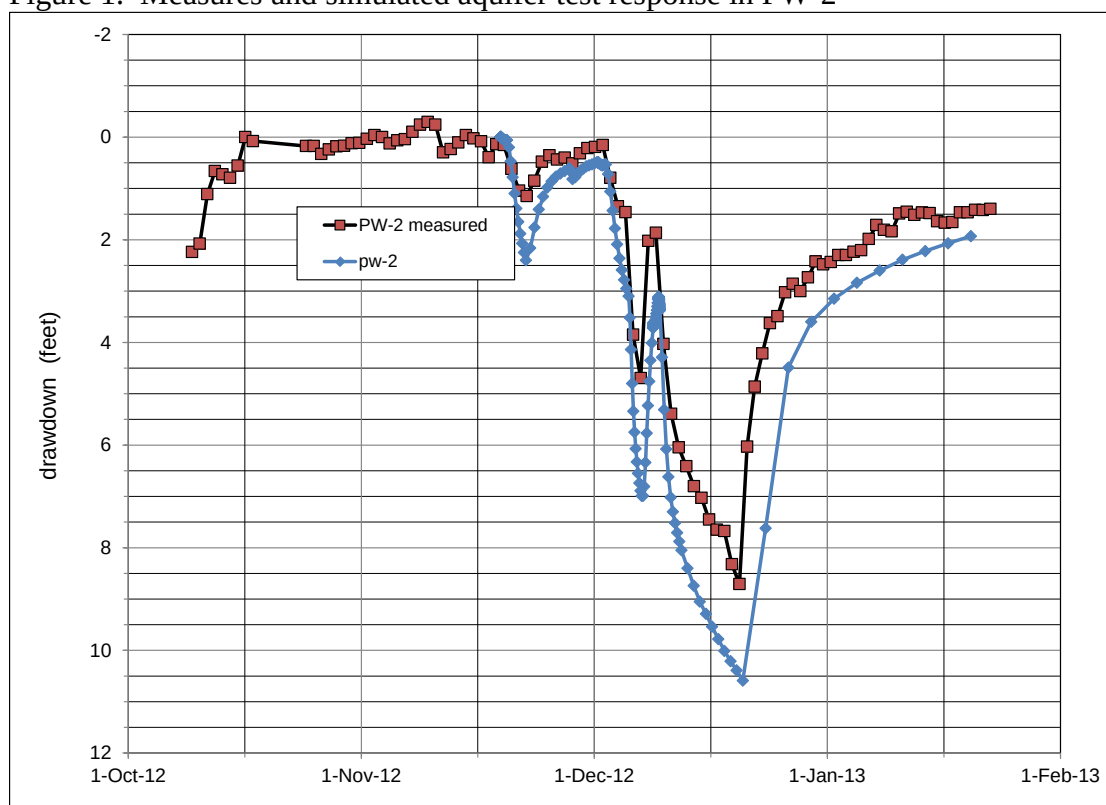


Figure 2. Measures and simulated aquifer test response in PW-4

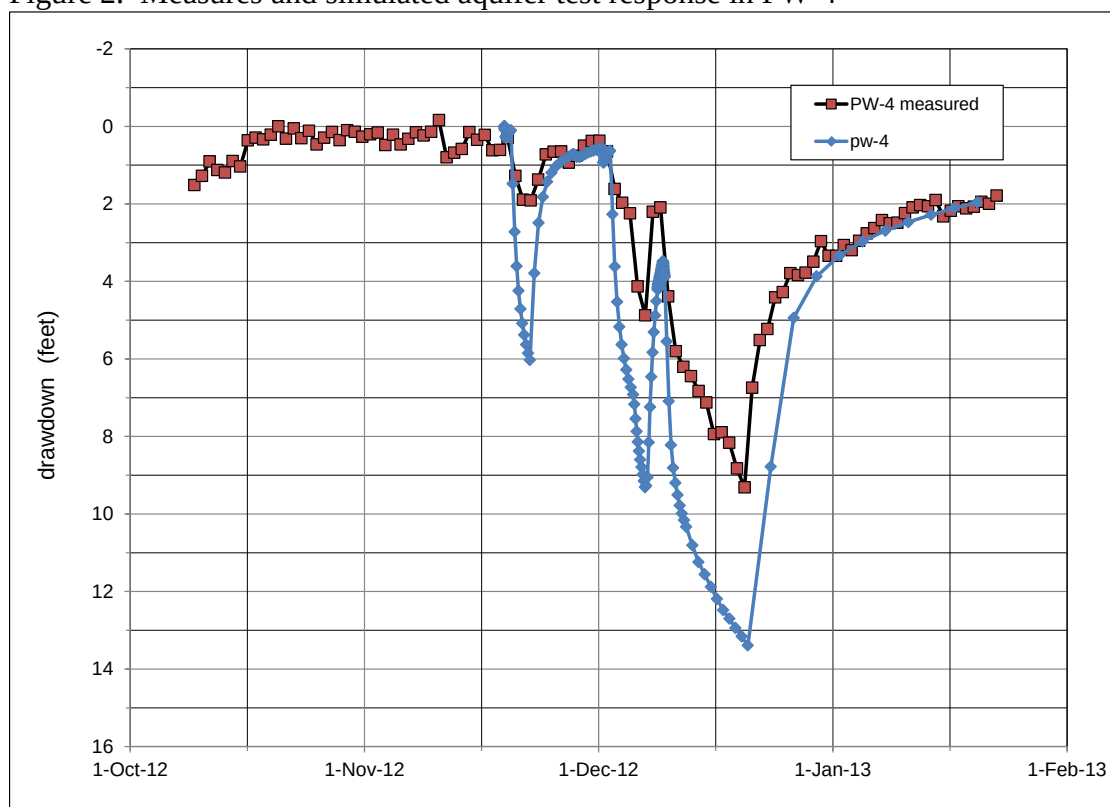


Figure 3. Measures and simulated aquifer test response in MW-5

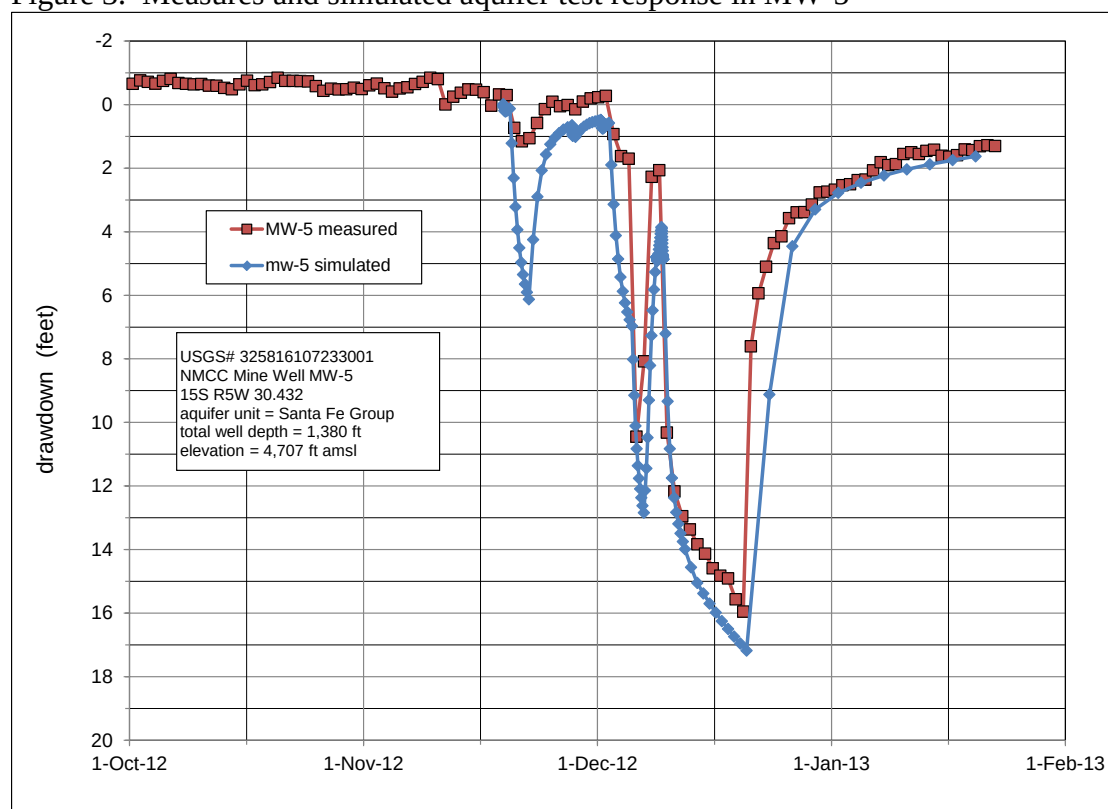


Figure 4. Measures and simulated aquifer test response in MW-9/-10

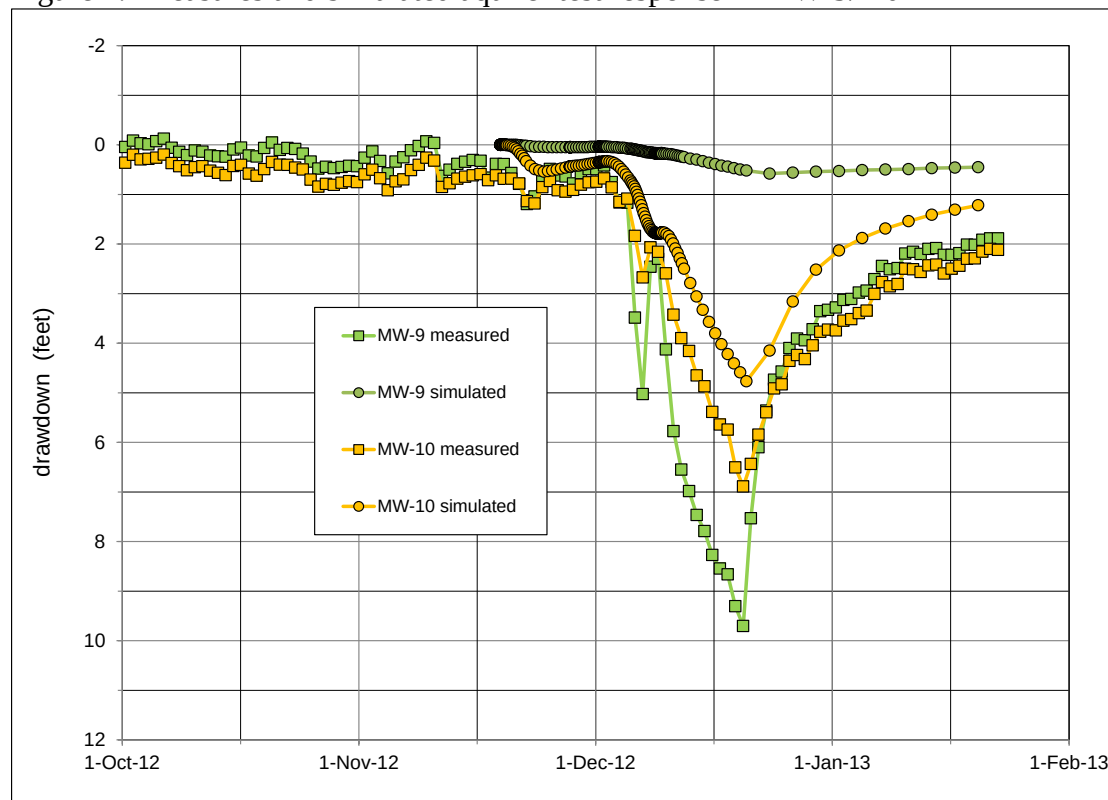


Figure 5. Projected End-of-Mining drawdown, EIS Alt 2.

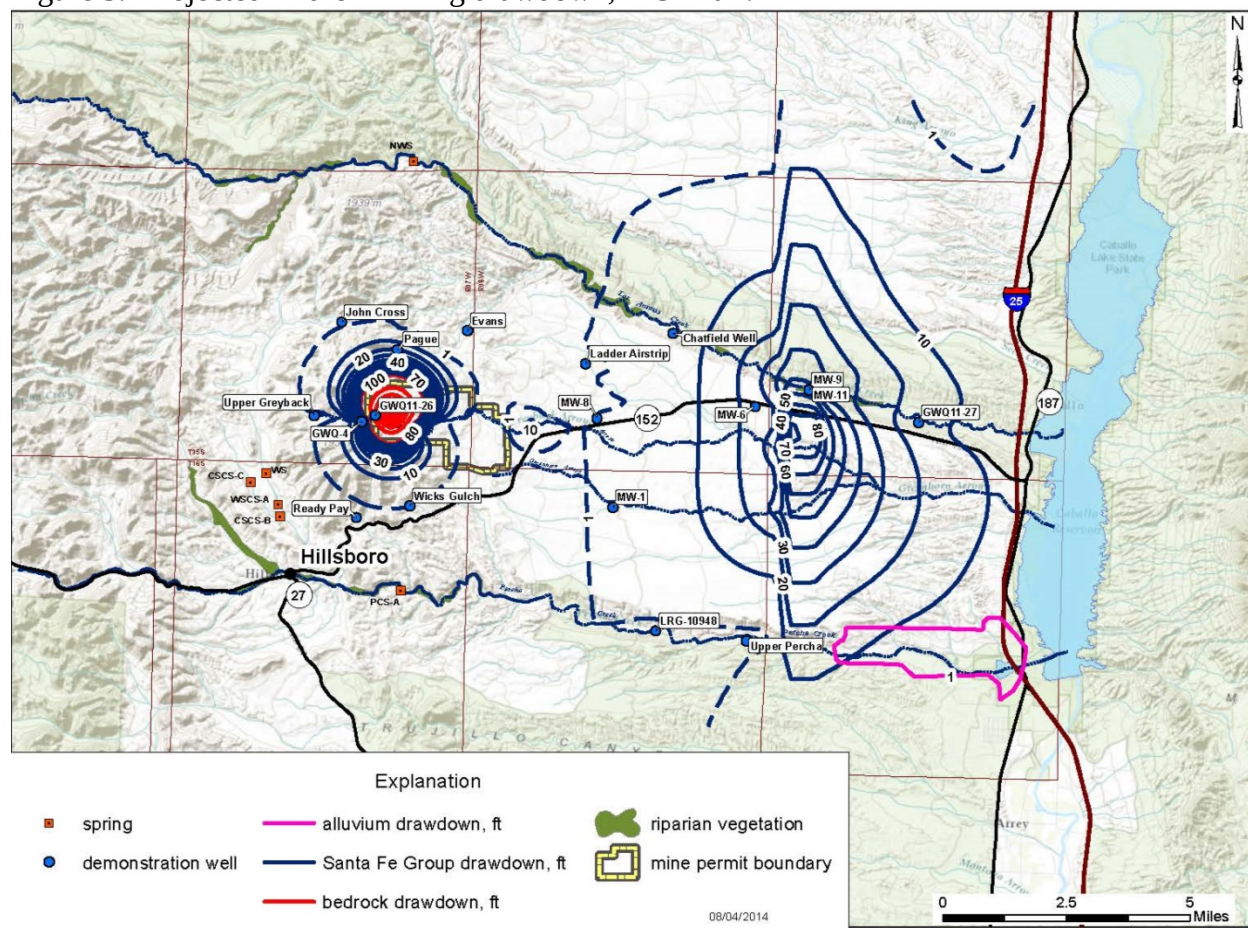
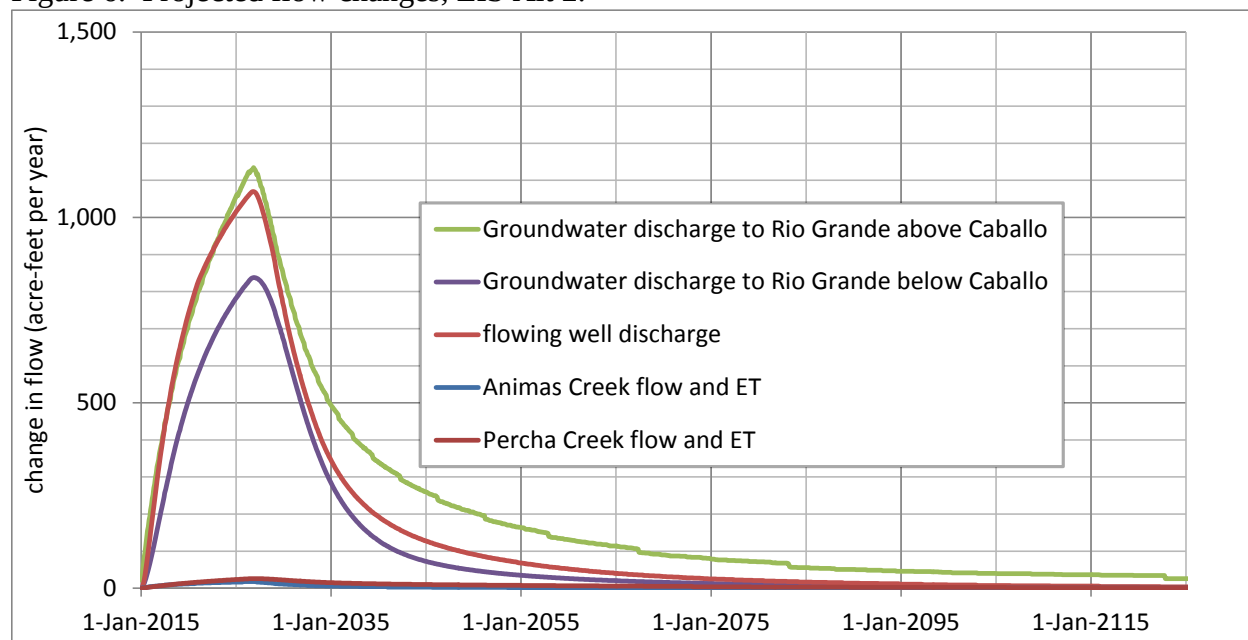


Figure 6. Projected flow changes, EIS Alt 2.



APPENDIX G

BIOLOGICAL RESOURCES SURVEY REPORT

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APPENDIX G: BIOLOGICAL RESOURCES SURVEY REPORT

Biological Resources Survey Report Copper Flat Pipeline and Well Sites Sierra County, New Mexico



Prepared for

Bureau of Land Management

Las Cruces District Office
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Las Cruces, NM 88005-3370

Prepared by

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August 2011 | 563-6671-001

CITATION

Parametrix. 2011. Biological Resources Survey Report, Copper Flat Pipeline and Well Sites, Sierra County, New Mexico. Prepared by Parametrix, Albuquerque, New Mexico.

TABLE OF CONTENTS

1. PROJECT DESCRIPTION AND LOCATION.....	1
2. METHODS.....	2
3. ENVIRONMENTAL SETTING	2
4. RESULTS.....	3
4.1 VEGETATION	3
4.1.1 Potential Impacts and Mitigation.....	5
4.2 NOXIOUS WE EDS	5
4.2.1 Potential Impacts and Mitigation.....	5
4.3 WILDLIFE	5
4.3.1 Potential Impacts and Mitigation.....	6
4.4 MIGRATORY BIRDS	7
4.4.1 Potential Impacts and Mitigation.....	7
4.5 THREATENED, ENDANGERED AND SENSITIVE SPECIES	7
4.5.1 Potential Impacts and Mitigation.....	12
4.6 DESIGNATED CRITICAL HABITAT	13
4.6.1 Potential Impacts and Mitigation.....	13
4.7 WETLANDS AND JURISDICTIONAL WATERS.....	13
4.7.1 Potential Impacts and Mitigation.....	14
5. CONCLUSIONS AND RECOMMENDATIONS.....	14
5.1 CONCLUSIONS	14
5.2 RECOMMENDATIONS	14
6. REFERENCES	15

LIST OF TABLES

1	Proposed Action Summary	1
2	Plants Observed During the 2010 and 2011 Field Surveys	3
3	Wildlife Observed During the 2010 and 2011 Field Surveys	6
4	Threatened, Endangered, Candidate and Sensitive Species	8

FIGURES

APPENDICES

- A State and Federal Listed Species

KEY TERMS

amsl	above mean sea level
BLM	Bureau of Land Management
CAW	Class A weeds
CBW	Class B weeds
CCW	Class C listed weeds
CWA	Clean Water Act
F	Fahrenheit
MBTA	Migratory Bird Treaty Act
NMCC	New Mexico Copper Corporation
NMDA	New Mexico Department of Agriculture
NMDGF	New Mexico Department of Game and Fish
NMRPTC	New Mexico Rare Plant Technical Council
NWI	National Wetland Inventory
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USFS	United States Department of Agriculture-Forest Service
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey

1. PROJECT DESCRIPTION AND LOCATION

New Mexico Copper Corporation (NMCC) is conducting regional water studies related to the possible development of the Copper Flat mine, located approximately 30 miles southwest of Truth or Consequences, New Mexico. The purpose of the project is to address infrastructure needs in order to conduct the regional water studies required. The proposed action being requested under this amendment to ROW 125293 is to permit the use of additional well sites for testing and monitoring purposes, to clear roads to access six of these wells, to redevelop and repair wells as needed, and to consider additional alternatives to discharge the water from the pipeline/well tests. The need for the project is to address the following infrastructure improvements:

- The wells that are being proposed for aquifer testing purposes include: PW-1, PW-2, PW-3, and PW-4. These four production wells may require redevelopment and repair. The aquifer testing via these four production wells will require the extraction and discharge of up to 159 acre feet of water.
- The proposed action includes the multiple alternative routes to discharge the water from the well test, with multiple route options to the pit lake and one option to the Greyback Arroyo.
- Wells that will be used for water quality and quantity monitoring purposes, but are classified as extraction wells, include: MW-2, MW-5, MW-6, MW-8, GWQ-1, and GWQ-8.
- The proposed action also includes the testing and rehabilitation of the pipeline that connects the mine site to the production well field. This pipeline will be tested on its own, and also used to support the production well aquifer test as part of the water discharge alternatives.
- Road access improvements are required for the following well sites: PW-1, PW-2, PW-3, PW-4, MW-5, MW-8, LW-3, GWQ-10, and NP-4.
- Well rehabilitation, including new well heads, are necessary on the following wells: GWQ-1 and GWQ-8.

Table 1. Proposed Action Summary

Proposed Action	Surveyed Area	Build Alternative	Build Alternative	Build Alternative
Pipeline	60-foot corridor with 50-foot buffer on each side.	Inspection/Maintenance/Repair.	Sleeve pull through the existing line.	Temporary line connecting the existing line to the pit lake.
Access Roads	50-foot corridor with 50-foot buffer on each side.	Blade and clear.		
Collection Point	200-by-200-foot area.	Placement of a holding tank.		
Well sites	300-by-300-foot area.	Inspect/Maintain/Repair. Installation of pumps for aquifer testing.		
Aquifer Testing/ Discharge of Water	Identified on the figures.	Copper Flat Pit Lake: Pump water from aquifer. Then, carry water through pipeline and discharge to the Copper Flat Pit Lake.	Discharge to Greyback Arroyo following a corridor established from the area of PW-4.	

*Biological Resources Survey Report
Cooper Flat Pipeline and Well Sites
Sierra County, New Mexico
Bureau of Land Management*

2. METHODS

In accordance with state and federal laws related to protection of natural resources, a field survey of the project area was conducted to evaluate potential impacts to threatened and endangered species, wetlands/waterways, migratory birds, noxious weeds, and other sensitive biological features. The proposed project area was surveyed and potential impacts to the natural environment were assessed by Parametrix in April 2010, and May, June, and August 2011.

A visual survey of the adjacent environment was also conducted to evaluate the potential for, and presence of, habitat suitable for state- and federally-listed, and sensitive species.

The investigations also included a survey for noxious weeds as designated by the New Mexico Department of Agriculture (NMDA) and U.S. Department of Agriculture (USDA), and an evaluation of potential impacts to nesting birds protected under the Migratory Bird Treaty Act (MBTA) of 1918. In addition, the existing environment along the project corridor was evaluated for the presence of valuable wildlife and bird nesting habitat, sensitive areas, and wildlife corridors.

An assessment of waters of the U.S. that could be impacted by the proposed project was performed using U.S. Geological Survey (USGS) quadrangles, National Wetland Inventory (NWI) maps, aerial photography, and County soil survey maps in-house and then refined during the field visits.

Federal and state lists for protected species in Sierra County were examined for this report. In addition, lists were obtained from the New Mexico Rare Plant Technical Council (NMRPTC) and the Bureau of Land Management (BLM). The habitat requirements of listed species were compared to the habitat at the proposed project location to identify potentially affected species or "target species." Species considered unlikely to occur due to their known distribution in a county, or for which suitable habitat does not exist within the proposed project area, were removed from further consideration.

3. ENVIRONMENTAL SETTING

The project area is located in Sierra County, in the Chihuahuan Desert Grasslands sub-region of the Chihuahuan Deserts Ecoregion. The Chihuahuan Desert Grasslands are characterized by plateaus, high intermountain basins, alluvial fans, and bajadas. Most surface water is in the form of stream segments from an occasional spring source, or else an ephemeral stream that only flows after storm events. Annual precipitation ranges from 10 to 15 inches, and late summer thunderstorms are the source of most of the moisture. Average temperatures range from 24° Fahrenheit (F) to 53° F in the winter and 62° F to 92° F in the summer (Griffith et al. 2006).

The geology of the area consists of Quaternary colluvium with valley-fill alluvium, alluvium and piedmont alluvium, and discontinuous eolian deposits; Permian sandstone, siltstone, gypsum, dolomite, and limestone; Tertiary igneous and volcanoclastic rocks, and some Tertiary sandstones and conglomerates (Griffith et al. 2006).

Soils in the Chihuahuan Desert Grasslands ecoregion include thermic Aridisols, Entisols, and Mollisols with an Aridic or Ustic Aridic moisture regime (Griffith et al. 2006). The specific soil series mapped in the proposed project area is Luzena-Rock outcrop association. This soil type is well drained, has a depth to the water table of more than 80 inches, and is not classified as prime farmland by the Natural Resources Conservation Service Web Soil Survey (NRCS 2010).

The general elevation of the project area is approximately 5,000 feet above mean sea level (amsl). The majority of the project area has been previously disturbed by installation of a water pipeline, wells, and access roads. Vegetation in the project area is typical of Chihuahuan Desert Grasslands, with honey mesquite (*Prosopis glandulosa*), featherplume (*Dalea formosa*), black grama (*Bouteloua eriopoda*), and tobosagrass (*Pleuraphis mutica*) as dominant species.

4. RESULTS

4.1 VEGETATION

During the 2010 and 2011 field surveys, 67 species of plants were observed within the proposed project area (Table 2). The dominant plant species observed within the proposed project area consisted of low woollygrass (*Dasyochloa pulchella*), weeping lovegrass (*Eragrostis curvula*), spreading buckwheat (*Eriogonum effusum*), tarbush (*Flourensia cernua*), broom snakeweed (*Gutierrezia sarothrae*), creosote (*Larrea tridentata*), tobosagrass (*Pleuraphis mutica*), and honey mesquite (*Prosopis glandulosa*). These species were observed fairly uniformly throughout the proposed project area.

Table 2. Plants Observed During the 2010 and 2011 Field Surveys

Common Name	Scientific Name
Dwarf desertpeony	<i>Acourtia nana</i>
Powell's amaranth	<i>Amaranthus powellii</i>
Flatspine bur ragweed	<i>Ambrosia acanthicarpa</i>
Weakleaf bur ragweed	<i>Ambrosia confertiflora</i>
Great ragweed	<i>Ambrosia trifida</i>
Sand bluestem	<i>Andropogon hallii</i>
Sixweeks threeawn	<i>Aristida adscensionis</i>
Purple threeawn	<i>Aristida purpurea</i>
Spidergrass	<i>Aristida temipes</i>
Groundplum milkvetch	<i>Astragalus crassicaarpus</i>
Fourwing saltbush	<i>Atriplex canescens</i>
Yerba de pasmo	<i>Baccharis pteronioides</i>
Desert marigold	<i>Baileya multiradiata</i>
Silver beardgrass	<i>Bothriochloa laguroides</i>
Sixweeks grama	<i>Bouteloua barbata</i>
Side-oats grama	<i>Bouteloua curtipendula</i>
Black grama	<i>Bouteloua eriopoda</i>
Blue grama	<i>Bouteloua gracilis</i>
California brickellbush	<i>Brickellia californica</i>
Netleaf hackberry	<i>Celtis laevigata</i>
Whitemargin sandmat	<i>Chamaesyce albomarginata</i>
New Mexico thistle	<i>Cirsium neomexicanum</i>
Yellowspine thistle	<i>Cirsium ochrocentrum</i>
American bugseed	<i>Corispermum americanum</i>

(Table Continues)

Table 2. Plants Observed During the 2010 and 2011 Field Surveys (Continued)

Common Name	Scientific Name
Dodder	<i>Cuscuta</i> sp.
Tree cholla	<i>Cylindropuntia imbricata</i>
Christmas cactus	<i>Cylindropuntia leptocaulis</i>
Featherplume	<i>Dalea formosa</i>
Low woollygrass	<i>Dasyochloa pulchella</i>
Sacred thorn-apple	<i>Datura wrightii</i>
Fetid marigold	<i>Dyssodia papposa</i>
Scarlet hedgehog cactus	<i>Echinocereus coccineus</i>
Big jointfir	<i>Ephedra trifurca</i>
Weeping lovegrass	<i>Eragrostis curvula</i>
Spreading buckwheat	<i>Eriogonum effusum</i>
Shaggy dwarf morning-glory	<i>Evolvulus nuttallianus</i>
Apache plume	<i>Fallugia paradoxa</i>
Tarbush	<i>Flourensia cernua</i>
Broom snakeweed	<i>Gutierrezia sarothrae</i>
Indian rushpea	<i>Hoffmannseggia glauca</i>
Crown of thorns	<i>Koeberlinia spinosa</i>
Flatspine stickseed	<i>Lappula occidentalis</i>
Creosote	<i>Larrea tridentata</i>
Green sprangletop	<i>Leptochloa dubia</i>
Pale wolfberry	<i>Lycium pallidum</i>
Torrey wolfberry	<i>Lycium torreyi</i>
Slender goldenweed	<i>Machaeranthera gracilis</i>
Rough menodora	<i>Menodora scabra</i>
Bush muhly	<i>Muhlenbergia porteri</i>
Cactus apple	<i>Opuntia engelmannii</i>
Purple pricklypear	<i>Opuntia macrocentra</i>
Vine mesquite	<i>Panicum obtusum</i>
Mariola	<i>Parthenium incanum</i>
Lemonscent	<i>Pectis angustifolia</i>
Tobosagrass	<i>Pleuraphis mutica</i>
Honey mesquite	<i>Prosopis glandulosa</i>
Littleleaf sumac	<i>Rhus microphylla</i>
Burrograss	<i>Scleropogon brevifolius</i>
Silverleaf nightshade	<i>Solanum elaeagnifolium</i>
Spear globemallow	<i>Sphaeralcea hastulata</i>
Brownplume wirelettuce	<i>Stephanomeria pauciflora</i>
Greenthread	<i>Thelesperma megapotamicum</i>
Spiny dogweed	<i>Thymophylla acerosa</i>
Woolly tidestromia	<i>Tidestromia lanuginosa</i>
Banana yucca	<i>Yucca baccata</i>
Soaptree yucca	<i>Yucca elata</i>
Graythorn	<i>Ziziphus obtusifolia</i>

4.1.1 Potential Impacts and Mitigation

Under the proposed action, direct and short-term impacts to vegetation resulting from project-related ground disturbance activities would be minimal. Much of the proposed project area consists of existing roads (paved and unpaved), associated rights-of-way, and areas previously cleared around well sites. In addition, heavy cattle-grazing has affected vegetation over large portions of the proposed project corridor. Should water used for pipeline testing be discharged into Greyback Arroyo, a surface pipeline would be temporarily installed from PW-4 to Greyback Arroyo. Vegetation between PW-4 and the arroyo consists predominantly of mesquite (*Prosopis* sp.) and littleleaf sumac (*Rhus microphylla*). The temporary pipeline would minimally affect vegetation along the route.

The overall impact widths for the proposed project will be as follows: 30 feet in roadway corridors for blading/clearing of vegetation; 60 feet in the pipeline corridor for repair of the existing pipeline, sleeve installation, and temporary line installation; and 100 feet by 100 feet around well sites for monitoring activities. New project-related disturbance will be minimal when considered with the extent of previous disturbance on the proposed project site.

Subsequent to project activities, disturbed areas along roadways (esp. State Route 152) will be re-seeded with a local seed mix according to standard BLM post-construction protocols.

4.2 NOXIOUS WEEDS

The State of New Mexico, under the administration of the Department of Agriculture, lists certain weed species as noxious weeds. "Noxious" in this context means plants not native to New Mexico, that are targeted for management and control and that have a negative impact on the economy or environment. Class C listed weeds (CCW) are common, widespread species that are fairly well established within the state. Class B weeds (CBW) are considered fairly common, but not yet widespread within certain regions of the state. Class A weeds (CAW) have limited distributions within the State.

4.2.1 Potential Impacts and Mitigation

No state-listed noxious weeds were observed within the project area during the 2010 and 2011 biological surveys; therefore, the project is not expected to have an impact on the spread of noxious weeds. However, care should be used to prevent introduction of noxious weeds to the project site. Any fill material (soil) brought in from an outside source should be free of weed and invasive species. All heavy equipment should be cleaned to remove mud and dirt prior to entering and exiting public lands to remove potentially-occurring noxious weed seeds.

4.3 WILDLIFE

New Mexico provides extensive habitat for a wide variety of wildlife. Habitat within the proposed project area consists of desert grassland and creosote flat. During the 2010 and 2011 field surveys, 30 wildlife species or their sign were observed within the proposed project area (Table 3).

Table 3. Wildlife Observed During the 2010 and 2011 Field Surveys

Common Name	Scientific Name
Pocket gopher	<i>Thomomys sp</i>
White-throated woodrat	<i>Neotoma albigula</i>
Pocket mouse	<i>Perognathus sp</i>
Merriam's kangaroo rat	<i>Dipodomys merriami</i>
Eastern fence lizard	<i>Sceloporus undulatus</i>
Whiptail lizard	<i>Cnemidophorus sp</i>
American badger	<i>Taxidea taxus</i>
Black-tailed jackrabbit	<i>Lepus californicus</i>
Red-shouldered hawk	<i>Buteo lineatus</i>
Black-throated sparrow	<i>Amphispiza bilineata</i>
Barn swallow	<i>Hirundo rustica</i>
Red-tailed hawk	<i>Buteo jamaicensis</i>
Cactus wren	<i>Campylorhynchus brunneicapillus</i>
House finch	<i>Carpodacus mexicanus</i>
Canyon wren	<i>Catherpes mexicanus</i>
Common raven	<i>Corvus corax</i>
Chipping sparrow	<i>Spizella passerina</i>
Western kingbird	<i>Tyrannus verticalis</i>
White-winged dove	<i>Zenaida asiatica</i>
Gambel's quail	<i>Callipepla gambelii</i>
Curve-billed thrasher	<i>Toxostoma curvirostre</i>
Coyote	<i>Canis latrans</i>
Bobcat	<i>Lynx rufus</i>
Mule deer	<i>Odocoileus hemionus</i>
Desert cottontail	<i>Silvilagus auduboni</i>
Rock squirrel	<i>Spermophilus variegatus</i>
Turkey vulture	<i>Cathartes aura</i>
Funnel-web spider	Family Agelenidae
Honey bee	Family Apidae
Tarantula hawk wasp	<i>Pepsis formosa</i>

In addition to the observation of the above species or their sign, seven cactus wren (*Campylorhynchus brunneicapillus*) bird nests were identified within the project area and an active raptor nest was found in the windmill at well site MW-2. These findings are discussed in more detail in Section 4.4.

4.3.1 Potential Impacts and Mitigation

Potential impacts to wildlife from the proposed project are expected to be minimal because of the pre-existing disturbed nature of the project area. Project activities may cause minor disruption to foraging or localized migratory movement of certain species. Most animals currently utilizing the project area are expected to migrate to undisturbed areas adjacent to the project area, and no direct losses of large mammals or birds are expected as a result of this project.

4.4 MIGRATORY BIRDS

The MBTA protects over 1500 migratory bird species (see 50 CFR 10.133, List of Migratory Birds) in the United States and its territories. This act and Executive Order 13186 provide protection to migratory bird species, which includes protection of their nests and eggs.

Seven cactus wren bird nests were identified within the project area during the 2010 and 2011 biological surveys. During an August 2011 survey, an active raptor nest was observed in the windmill at well-site MW-2, and there are additional structures on the project site that provide habitat for nesting birds.

Migratory habitat for the southwestern willow flycatcher (*Empidonax traillii extimus*) occurs along the Rio Grande, although critical habitat for the species has not been designated as far south as Caballo Reservoir, which is the closest reach of the Rio Grande to the project area.

4.4.1 Potential Impacts and Mitigation

None of the wren nests were located within the area proposed for vegetation clearing on existing access roads. The raptor nest at well-site MW-2 will not be removed or disturbed, and none of the proposed actions are expected to affect the nest.

Due to the presence of bird nests in the proposed project corridor, clearing of vegetation should take place outside of the bird breeding season (roughly March through August). If this is not possible due to scheduling concerns, a pre-construction nest survey conducted by a qualified biologist is recommended. If active bird nests are to be affected by construction, then coordination with the USFWS is required and a permit must be obtained in order to move or disturb active nests.

Designated critical habitat for the southwestern willow flycatcher occurs many miles northeast of the project corridor; the species will not be affected by project activities.

4.5 THREATENED, ENDANGERED AND SENSITIVE SPECIES

Numerous fish, wildlife, and plant species are federally-, state-, and/or locally-listed in New Mexico. Many of these species have specific habitat requirements and, therefore, only occur in specific regions or habitat configurations. Over thirty wildlife species are listed by the New Mexico Department of Game and Fish (NMDGF) and United States Fish and Wildlife Service (USFWS) as threatened, endangered or candidate species (see Table 4). Other federal agencies (e.g., the United States Department of Agriculture-Forest Service [USFS] and the BLM) also list species as sensitive or as species of concern, and the State of New Mexico lists wildlife species as endangered, threatened, or sensitive (BISON-M 2009). Twenty one plant species are identified by the New Mexico Rare Plant Technical Council (NMRPTC) as noted for conservation. Species of concern, sensitive species, and rare plants do not have the rigorous legal protection of listed species, but information about them is included for planning purposes, and the relevant management agencies do have an obligation to consider impacts to these species.

Lists generated by the USFWS, NMDGF and NMRPTC were accessed online on June 10, 2011, and are attached to this document. No listed or special status species were observed within the proposed project area during the 2010 and 2011 biological surveys.

Table 4. Threatened, Endangered, Candidate and Sensitive Species

Scientific Name	Common Name	Status	Species Present	Habitat Present	Rationale for No Effect Determination
<i>Ammodramus bairdii</i>	Baird's sparrow	New Mexico – Threatened BLM - Sensitive	No	Yes	The grassland habitat could potentially support Baird's sparrow, but the species was not observed and is not expected to be impacted by project activities.
<i>Accipiter gentilis atricapillus</i>	Northern goshawk	BLM - Sensitive	No	No	Mature, closed-canopy coniferous forests are not present in or adjacent to the project corridor.
<i>Agosia chrysogaster</i>	Longfin dace	BLM - Sensitive	No	No	The stream habitat required by this species is not present in or adjacent to the project corridor.
<i>Anthus spragueii</i>	Sprague's pipit	USFWS - Candidate	No	Yes	The grassland habitat could potentially support Sprague's pipit, but the species was not observed and is not expected to be impacted by project activities.
<i>Athene cunicularia hypugaea</i>	Burrowing owl	BLM - Sensitive	No	Yes	The grassland habitat could potentially support Burrowing owls, but the species was not observed and is not expected to be impacted by project activities.
<i>Bufo microscaphus microscaphus</i>	Arizona toad	BLM - Sensitive	No	No	There are no streams or rivers in or adjacent to the project corridor.
<i>Buteo regalis</i>	Ferruginous hawk	BLM - Sensitive	No	Yes	The grassland habitat in the project corridor could potentially support the Ferruginous hawk, but the species was not observed and is not expected to be impacted by project activities.
<i>Buteogallus anthracinus anthracinus</i>	Common black-hawk	New Mexico - Threatened	No	No	There is no woodland stream habitat in or adjacent to the project corridor.
<i>Calothorax lucifer</i>	Lucifer hummingbird	New Mexico - Threatened	No	No	The arid montane habitat preferred by this species does not occur in or adjacent to the project corridor.

(Table Continues)

Table 4. Threatened, Endangered, Candidate and Sensitive Species (Continued)

Scientific Name	Common Name	Status	Species Present	Habitat Present	Rationale for No Effect Determination
<i>Calypte costae</i>	Costa's hummingbird	New Mexico – Threatened	No	No	There is no shrubland habitat in or adjacent to the project corridor.
<i>Canis lupus baileyi</i>	Mexican gray wolf	USFWS – Endangered New Mexico – Endangered	No	No	The range of this re-introduced species does not extend to the project corridor.
<i>Charadrius montanus</i>	Mountain plover	USFWS – Threatened	No	No	The shortgrass prairie required by this species does not exist within the project area.
<i>Chlidonias niger surinamensis</i>	Black tern	BLM – Sensitive	No	No	The riparian habitat required by this species does not occur in or adjacent to the project corridor.
<i>Coccyzus americanus occidentalis</i>	Yellow-billed cuckoo	USFWS – Candidate	No	No	The desert grassland habitat in the project area would not support the Yellow-billed cuckoo.
<i>Columbina passerina pallescens</i>	Common ground-dove	New Mexico – Endangered	No	No	There are no agricultural lands or riparian woodlands in the project corridor.
<i>Corynorhinus townsendii pallescens</i>	Pale Townsend's big-eared bat	BLM – Sensitive	Yes	Yes	The species' vocalization was detected at the mine tailings pond.
<i>Cynanthus latirostris magicus</i>	Broad-billed hummingbird	New Mexico – Threatened	No	No	There are no riparian woodlands within or adjacent to the project corridor.
<i>Cynomys gunnisoni gunnisoni</i>	Gunnison's prairie dog (montane)	USFWS – Candidate	No	No	The extensive shortgrass prairie required by this species does not occur within or adjacent to the project corridor.
<i>Cyprinodon tularosa</i>	White Sands pupfish	New Mexico – Threatened	No	No	There are no free-flowing streams or pools in the project corridor.
<i>Empidonax traillii extimus</i>	Southwestern willow flycatcher	USFWS – Critical habitat designated, Endangered New Mexico – Endangered	No	No	There is no suitable riparian habitat within or adjacent to the project corridor.
<i>Falco femoralis septentrionalis</i>	Aplomado falcon	USFWS – Endangered New Mexico – Endangered	No	Yes	The desert grassland habitat in the project area could potentially support the Aplomado falcon, but the species was not observed and is not expected to be impacted by project activities.

(Table Continues)

Table 4. Threatened, Endangered, Candidate and Sensitive Species (Continued)

Scientific Name	Common Name	Status	Species Present	Habitat Present	Rationale for No Effect Determination
<i>Falco peregrinus anatum</i>	Peregrine falcon	New Mexico – Threatened	No	Yes	Peregrine falcons could potentially forage in the project area, but the lack of roosting or nesting habitat makes it unlikely that this species would stay in the area for long periods of time.
<i>Falco peregrinus tundrius</i>	Arctic peregrine falcon	New Mexico – Threatened	No	No	The elevation of the project area is not high enough to support the preferred forest types of this species.
<i>Gila nigra</i>	Headwater chub	USFWS – Candidate New Mexico – Endangered	No	No	There are no streams in or adjacent to the project corridor.
<i>Haliaeetus leucocephalus alascanus</i>	Bald eagle	New Mexico – Threatened	No	No	There are no large bodies of water near the proposed project corridor.
<i>Hedeoma todsonii</i>	Todson's pennyroyal	USFWS – Critical habitat designated; Endangered	No	No	This species grows in limestone soils on north- or east-facing slopes in pinon-juniper woodland; this habitat configuration is not present in or adjacent to the project site.
<i>Hybognathus amarus</i>	Rio Grande silvery minnow	USFWS – Endangered	No	No	The minnow is extirpated in Sierra County.
<i>Idionycteris phyllotis</i>	Allen's big-eared bat	BLM – Sensitive	No	Yes	The forested areas preferred by this species are not present in or adjacent to the project corridor.
<i>Lanius ludovicianus excubitorides</i>	Loggerhead shrike	New Mexico – Sensitive BLM – Sensitive	No	Yes	The desert grassland habitat in the project area could potentially support the Loggerhead shrike, but the species was not observed and is not expected to be impacted by project activities.
<i>Myotis ciliolabrum melanorhinus</i>	Western small-footed myotis bat	BLM – Sensitive	Yes	Yes	The species' vocalization was detected at the mine tailings pond.
<i>Myotis evotis evotis</i>	Long-eared myotis bat	BLM – Sensitive	Yes	Yes	The species' vocalization was detected at the mine tailings pond.

(Table Continues)

Table 4. Threatened, Endangered, Candidate and Sensitive Species (Continued)

Scientific Name	Common Name	Status	Species Present	Habitat Present	Rationale for No Effect Determination
<i>Myotis lucifugus occultus</i>	Occult little brown myotis bat	BLM – Sensitive	Yes	Yes	The species' vocalization was detected at the mine tailings pond.
<i>Myotis thysanodes thysanodes</i>	Fringed myotis bat	BLM – Sensitive	Yes	Yes	The species' vocalization was detected at the mine tailings pond.
<i>Myotis volans interior</i>	Long-legged myotis bat	BLM – Sensitive	Yes	Yes	The species' vocalization was detected at the mine tailings pond.
<i>Myotis yumanensis yumanensis</i>	Yuma myotis bat	BLM – Sensitive	Yes	Yes	The species' vocalization was detected at the mine tailings pond.
<i>Onchorhynchus clarki virginialis</i>	Rio Grande cutthroat trout	USFWS – Candidate	No	No	There are no streams or rivers in or adjacent to the project corridor.
<i>Onchorhynchus gillae</i>	Gila trout	USFWS – Threatened New Mexico – Threatened	No	No	There are no streams or rivers in or adjacent to the project corridor.
<i>Ondatra zibethicus nripensis</i>	Pecos river muskrat	BLM – Sensitive	No	No	There are no marshes or drainages in or adjacent to the project corridor.
<i>Oreohelix pilsbryi</i>	Mineral creek mountainsnail	New Mexico – Threatened	No	No	The montane habitat with limestone outcroppings required by this species does not occur in the project corridor.
<i>Ovis canadensis mexicana</i>	Desert bighorn sheep	New Mexico – Threatened	No	No	The slopes preferred by this species do not occur within or adjacent to the project corridor.
<i>Passerina versicolor versicolor</i>	Varied bunting	New Mexico – Threatened	No	No	The dense stands of mesquite preferred by this species are not present in or adjacent to the project corridor.
<i>Pelecanus occidentalis carolinensis</i>	Brown pelican	New Mexico – Endangered	No	No	There are no large rivers or lakes within or adjacent to the project corridor.
<i>Phalacrocorax brasilianus</i>	Neotropic cormorant	New Mexico – Threatened	No	No	There are no large bodies of water in or adjacent to the proposed project corridor.
<i>Phrynosoma cornutum</i>	Texas horned lizard	BLM – Sensitive	No	Yes	The project area contains the bunchgrass, cactus, and mesquite habitat preferred by this species.

(Table Continues)

Table 4. Threatened, Endangered, Candidate and Sensitive Species (Continued)

Scientific Name	Common Name	Status	Species Present	Habitat Present	Rationale for No Effect Determination
<i>Plegadis chiti</i>	White-faced ibis	BLM – Sensitive	No	No	There are no riparian woodlands or marshes in or adjacent to the project corridor.
<i>Rana chiricahuensis</i>	Chiricahua leopard frog	USFWS – Threatened	No	No	No streams or suitable wetlands exist in the project area.
<i>Sterna antillarum athalassos</i>	Least tern	USFWS – Endangered New Mexico – Endangered	No	No	The aquatic habitat required by this species does not occur within or adjacent to the project corridor.
<i>Strix occidentalis lucida</i>	Mexican spotted owl	USFWS – Critical habitat designated, Threatened	No	No	There are no old growth, closed-canopy forests within or adjacent to the project corridor.
<i>Trogon elegans canescens</i>	Elegant trogon	New Mexico – Endangered	No	No	The montane canyon woodlands preferred by this species do not occur in or adjacent to the project corridor.
<i>Tyrannus crassirostris</i>	Thick-billed kingbird	New Mexico – Endangered	No	No	There is no riparian habitat that would support this species in the project corridor.
<i>Vireo bellii arizonae</i>	Bell's vireo	New Mexico – Threatened	No	No	The dense shrubland or streamside woodland preferred by this species does not occur in or adjacent to the project area.
<i>Vireo vicinior</i>	Gray vireo	New Mexico – Threatened	No	No	There are no open woodland/shrublands within or adjacent to the project corridor.

The pit lake on the mine site provides foraging habitat for a variety of bat species listed as sensitive by the BLM. Bat vocalizations were recorded and identified by Parametrix biologists in the spring and summer of 2011. If water from pipeline testing were to be discharged into the pit lake, the surface area of the lake would increase and water quality would be improved, thereby providing more habitat for insects and more foraging resources for bats. There would be no negative impacts on bats if water were not discharged into the lake, as the size of the lake would not be reduced.

4.5.1 Potential Impacts and Mitigation

Based on survey results, the lack of suitable habitat, and the pre-existing disturbance at the site, the project is not expected to affect state- or federally-listed, or sensitive plant or wildlife species.

4.6 DESIGNATED CRITICAL HABITAT

The USFWS recognizes the importance of certain habitats for threatened and endangered species and has created designated critical habitat for animals and plants with specific requirements. The proposed project does not cross designated critical habitat for any protected species.

4.6.1 Potential Impacts and Mitigation

Critical habitat for one endangered species, the Rio Grande silvery minnow (*Hybognathus amarus*), has been designated in the project vicinity. Habitat for the silvery minnow has been designated in certain stretches of the Rio Grande, which flows into Caballo Reservoir approximately 5–6 miles east of the project area. The designated critical habitat reaches from Cochiti Dam south to San Marcial, New Mexico, but does not extend as far as Caballo Reservoir. The proposed project will have no impact on designated critical habitat for this species.

4.7 WETLANDS AND JURISDICTIONAL WATERS

Waters of the U.S. are defined by 33 CFR Part 328.3 (b) and are protected by Section 404 of the Clean Water Act (CWA) (33 USC 1344), which is administered and enforced by the U.S. Army Corps of Engineers (USACE). The project area was assessed for the presence of waters of the U.S. using U.S. Geological Survey topography maps and county soil survey maps, followed by a site visit to refine and re-evaluate the assessment.

Jurisdictional wetlands, those protected from unauthorized dredge and fill activities under Section 404 of the CWA (33 USC 1344), have three essential characteristics: (1) dominance by hydrophytic vegetation, (2) hydric soils, and (3) wetland hydrology. To be jurisdictional, a wetland must have a significant connection to a known jurisdictional, navigable waterway. Executive Order 11990 (Protection of Wetlands) requires the avoidance, to the greatest extent possible, of both long and short-term impacts associated with the destruction, modification, or other disturbance of wetland habitats.

One intermittent arroyo, the Greyback Arroyo, is located within the proposed project area. In the project area, the Greyback Arroyo does not have a permanent base flow, is dry for most of the year, and only flows during or immediately after rain events. The Greyback Arroyo joins with the Greenhorn Arroyo before discharging into the Rio Grande at Caballo Reservoir.

A small goodding willow (*Salix gooddingii*) wetland is located at the eastern end of the mine site, and is not jurisdictional. None of the proposed pipeline routes will affect the wetland, as all proposed routes go around it on existing unpaved roads or disturbed areas outside of the wetland area.

Water used in pipeline testing may be discharged into the pit lake located at the western end of the project site. The current size of the lake is considerably smaller than its historic extent due primarily to evaporation. If all the water from pipeline testing is discharged into the lake, it will be returned to its historic extent. Water would re-inundate a patch of cattails occurring west of the pit lake within its historic extent, and wetland habitat could be expanded.

The Preferred Alternative/Proposed Action would not cross any waters that are classified by the USACE as navigable (USACE 2009).

No specific surface water quality issues in the project area have been identified by the BLM.

4.7.1 Potential Impacts and Mitigation

Based on National Wetland Inventory (NWI) data and field verification, wetlands are present within the proposed project area. However, due to the absence of impact, a jurisdictional determination has not been completed. No adverse impacts to wetlands are expected from the proposed project.

5. CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

Based on 2010 and 2011 field surveys and a review of the project description, the following conclusions have been made regarding potential impacts to biological resources present within the project area:

- Direct and short-term impacts to vegetation would occur during project activities, as brush would be cleared along existing access roads. Impacts during the proposed action would occur on previously disturbed land.
- No direct losses of mammals, birds, or wildlife in general are expected as a result of the project. Proposed project activities may cause minor disruptions to foraging and migratory movement, or breeding behavior of some species. There is currently a vast amount of undeveloped land in nearby areas where wildlife can temporarily relocate for cover and foraging.
- Suitable habitat for state- or federally-listed threatened, endangered, or sensitive wildlife or plant species, or species of concern observed during the field surveys was marginal and no species listed as threatened or endangered were observed during the survey. Bats listed as sensitive by the BLM were identified at the pit lake by their vocalizations. If water from pipeline testing were to be discharged into the pit lake, the surface area of the lake would increase and lake water quality would be improved, thereby providing more habitat for insects and more foraging resources for bats. There would be no negative impacts on bats if water were not discharged into the lake, as the size of the lake would not be reduced.
- The proposed project would have no impacts on any wetlands or waterways. The Preferred Alternative/Proposed Action would not cross any waters that are classified by the USACE as navigable (USACE 2009).

5.2 RECOMMENDATIONS

This report makes the following recommendations:

- Care should be used to prevent introduction of noxious weeds to the project site. Any fill material (soil) brought in from an outside source should be free of weed and invasive species. All heavy equipment should be cleaned to remove mud and dirt prior to entering and exiting public lands to remove potentially-occurring noxious weed seeds.
- Subsequent to project activities, disturbed areas along roadways (esp. State Route 152) will be re-seeded with a local seed mix according to standard BLM post-construction protocols.

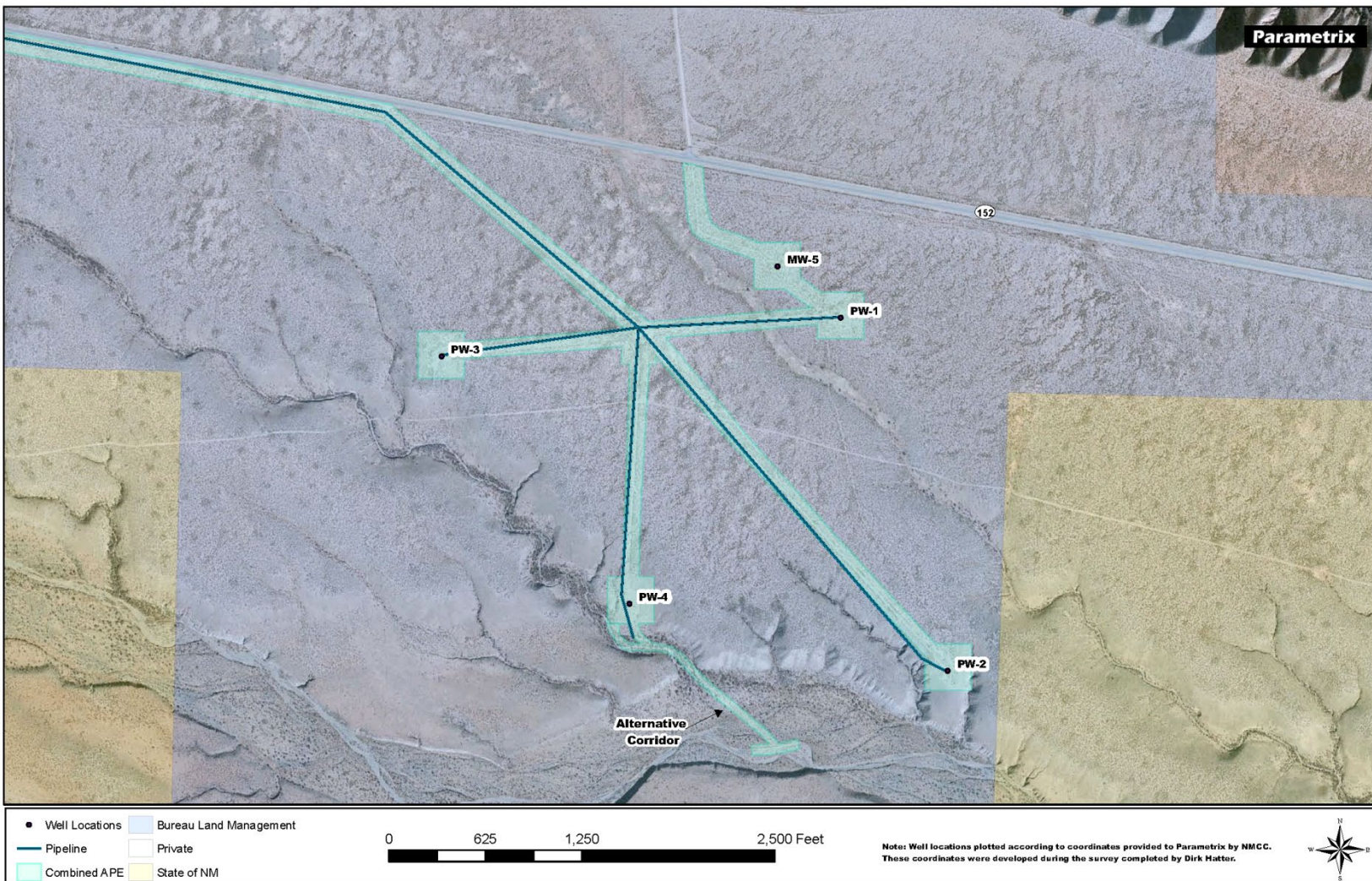
- Seven cactus wren nests were identified within the project area. None of the wren nests were located within the area proposed for vegetation clearing on existing access roads. An active raptor nest was also found on the windmill at well-site MW-2. The raptor nest will not be removed or disturbed by project activities around the well. If active bird nests are to be affected by project activities in the future, then coordination with the USFWS will be required, and a permit must be obtained in order to move or disturb an active nest.

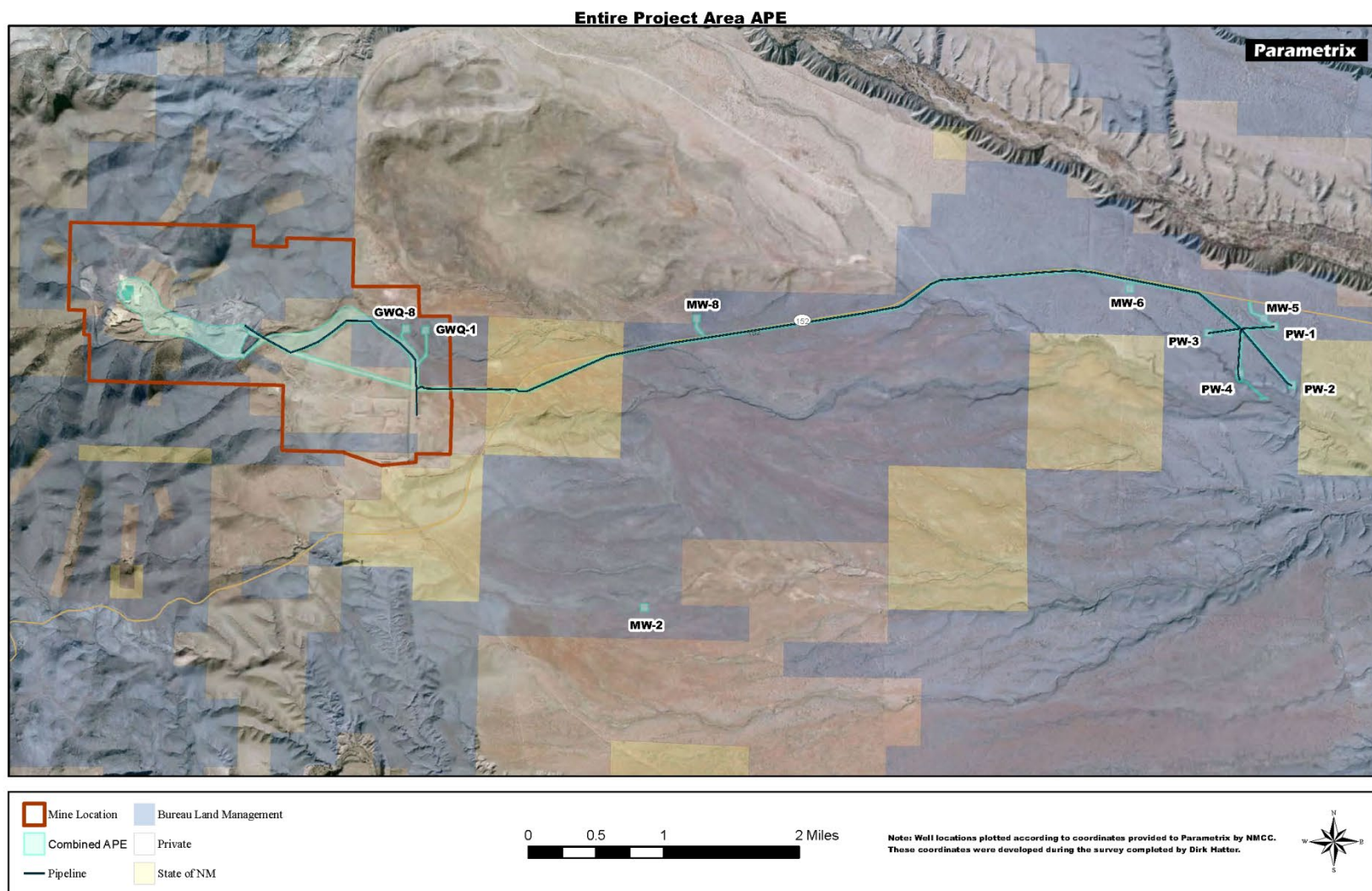
If the recommendations outlined in this report are followed, the proposed project is not expected to have a significant impact on the natural environment.

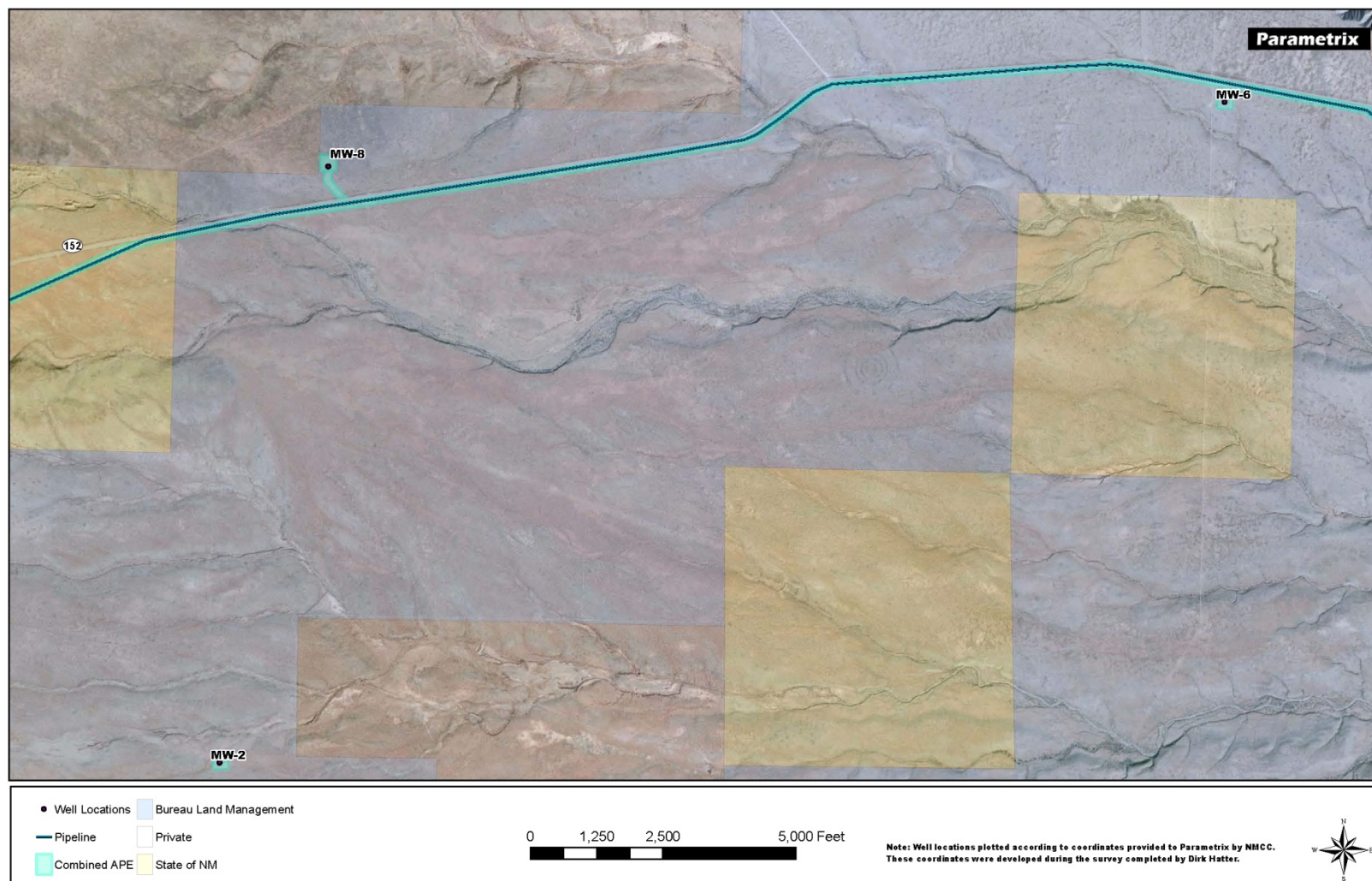
6. REFERENCES

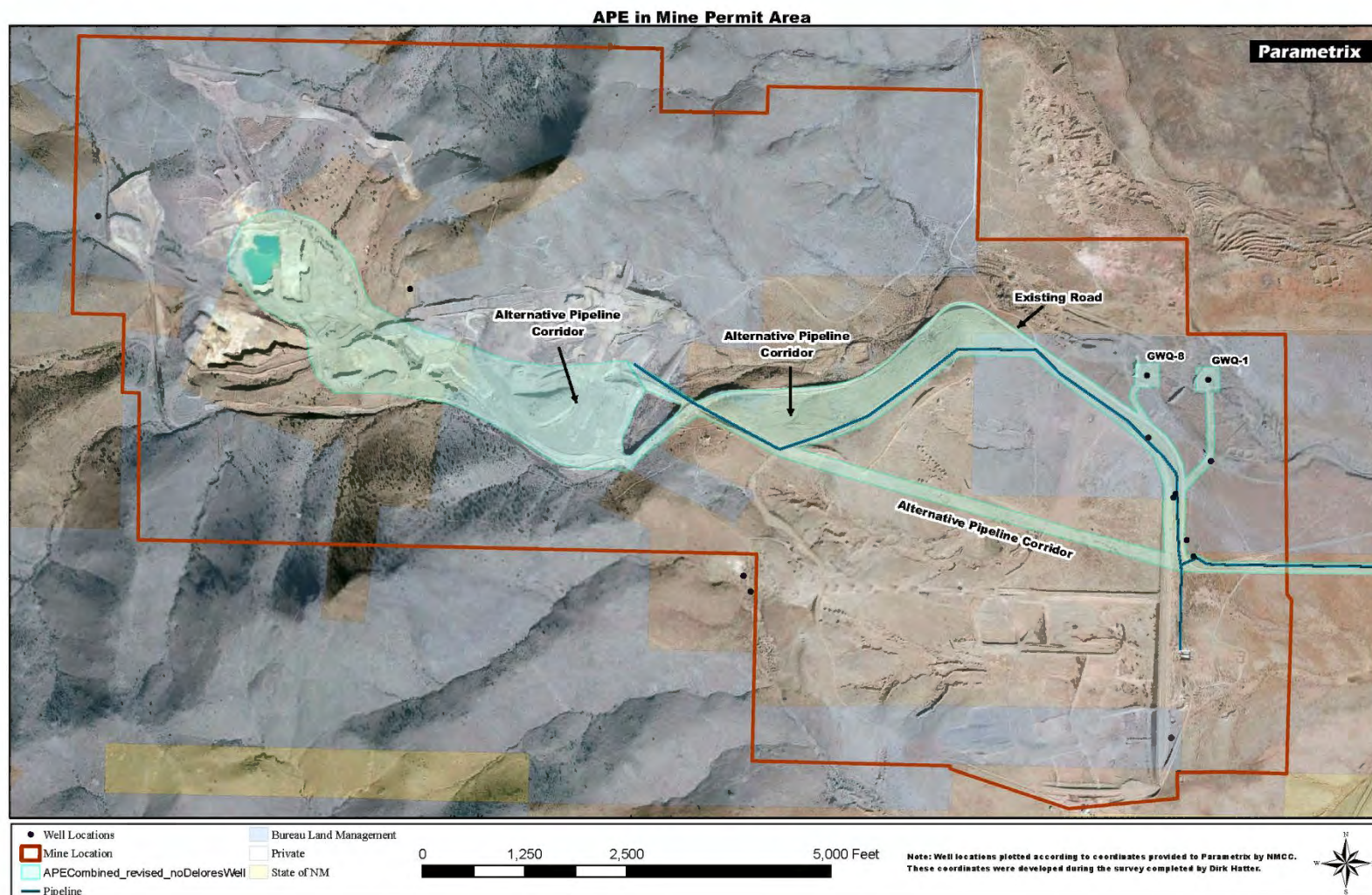
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FIGURES









APPENDIX A

State and Federal Listed Species

BISON-M

Page 1 of 7



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Report County TES Table for

Sierra

88 species returned.

Taxonomic Group	# Species	Taxonomic Group	# Species
Fish	7	Mammals	23
Amphibians	4	Molluscs	7
Reptiles	4	Crustaceans	1
Birds	40	Lepidoptera; moths and butterflies	2

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Common Name	Scientific Name	Habitat Map	Species Photo (click photo to enlarge)	FWS-ESA	NM-WCA	FS-R3	BLM-NM	NM-Sen	FWS-SOC
Chub, Rio Grande	<i>Gila pandora</i>		no photo	-	-	s	-	s	-
Chub, Headwater	<i>Gila nigra</i>		no photo	C	E	s	-	-	-
Dace, Longfin	<i>Agosia chrysogaster</i>	no map	no photo	-	-	s	s	-	-
Pupfish, White Sands	<i>Cyprinodon tularosa</i>		no photo	-	T	-	-	-	s
Sucker, Rio Grande	<i>Catostomus plebeius</i>		no photo	-	-	s	-	-	-
Trout, Cutthroat, Rio Grande	<i>Oncorhynchus clarki virginalis</i> (NM)	no map		C	-	s	-	s	-
Trout, Gila	<i>Oncorhynchus gilae</i>			T	T	s	-	-	-
Frog, Leopard, Chiricahua	<i>Rana chiricahuensis</i>	no map		T	-	s	-	s	-
Frog, Leopard, Northern	<i>Rana pipiens</i>	no map		-	-	s	-	-	-

<http://www.bison-m.org/reports.aspx?rtype=9>

7/26/2011

Frog, Leopard, Plains	<i>Rana blairi</i>	no map		-	-	S	-	-	-
Toad, Arizona	<i>Bufo microscaphus</i> <i>microscaphus</i> (NM,AZ)	no map		-	-	S	S	S	-
Lizard, Horned, Texas	<i>Phrynosoma cornutum</i>	no map		-	-	S	S	-	-
Massasauga, Desert	<i>Sistrurus catenatus</i> <i>edwardsii</i> (NM,AZ)	no map		-	-	S	-	-	-
Slider, Big Bend	<i>Trachemys galgae</i>	no map		-	-	-	-	S	-
Kingsnake, Desert	<i>Lampropeltis getula</i> <i>splendida</i> (NM,AZ)	no map		-	-	S	-	-	-
Bittern, American	<i>Botaurus lentiginosus</i>	no map		-	-	S	-	-	-
Black-Hawk, Common	<i>Buteogallus anthracinus</i> <i>anthracinus</i> (NM)	no map		-	T	S	-	-	S
Bunting, Varied	<i>Passerina versicolor</i> <i>versicolor</i> (NM); <i>dickeyae</i> (NM)	no map		-	T	S	-	-	-
Cormorant, Neotropic	<i>Phalacrocorax brasilianus</i>	no map		-	T	S	-	-	-
Cuckoo, Yellow-billed	<i>Coccyzus americanus</i> <i>occidentalis</i> (western pop)	no map	no photo	C	-	S	-	S	-
Curlew, Long-billed	<i>Numenius americanus</i> <i>americanus</i> (NM)	no map		-	-	S	-	-	-
Eagle, Bald	<i>Haliaeetus leucocephalus</i> <i>alascanus</i> (NM)	no map		-	T	S	-	-	-

BISON-M

Page 3 of 7

Egret, Great	<i>Ardea alba egretta</i> (NM)	no map		-	-	s	-	-	-
Egret, Snowy	<i>Egretta thula brewsteri</i> (NM)	no map		-	-	s	-	-	-
Falcon, Aplomado	<i>Falco femoralis septentrionalis</i> (NM)	no map		E	E	s	-	-	-
Falcon, Peregrine	<i>Falco peregrinus anatum</i>	no map		-	T	s	-	-	s
Falcon, Peregrine, Arctic	<i>Falco peregrinus tundrius</i>	no map	no photo	-	T	s	-	-	s
Flycatcher, Willow, SW.	<i>Empidonax traillii extirius</i>	no map		E	E	s	-	-	-
Goshawk, Northern	<i>Accipiter gentilis atricapillus</i> (NM,AZ);apache (NM,AZ)	no map	no photo	-	-	s	s	s	s
Ground-dove, Common	<i>Columbina passerina pallescens</i> (NM)	no map		-	E	s	-	-	-
Hawk, Ferruginous	<i>Buteo regalis</i>	no map		-	-	s	s	-	-
Hawk, Swainson's	<i>Buteo swainsoni</i>	no map		-	-	s	-	-	-
Hummingbird, Broad-billed	<i>Cynanthus latirostris magicus</i> (NM)	no map		-	T	s	-	-	-
Hummingbird, Costa's	<i>Calypte costae</i>	no map		-	T	s	-	-	-
Hummingbird, Lucifer	<i>Calothorax lucifer</i>		no photo	-	T	s	-	-	-
Ibis, White-faced	<i>Plegadis chihi</i>	no map		-	-	s	s	-	-

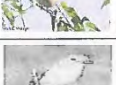
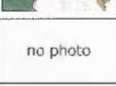
<http://www.bison-m.org/reports.aspx?rtype=9>

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Kingbird, Thick-billed	<i>Tyrannus crassirostris</i>	no map		-	E	S	-	-	-
Kingfisher, Belted	<i>Megasceryle alcyon</i>	no map		-	-	S	-	-	-
Kite, Mississippi	<i>Ictinia mississippiensis</i>	no map		-	-	S	-	-	-
Osprey	<i>Pandion haliaetus carolinensis</i> (NM)	no map		-	-	S	-	-	-
Owl, Burrowing	<i>Athene cunicularia hypugaea</i> (NM,AZ)	no map		-	-	S	S	-	S
Owl, Elf	<i>Micrathene whitneyi whitneyi</i> (NM)	no map		-	-	S	-	-	-
Owl, Flammulated	<i>Otus flammeolus</i>	no map		-	-	S	-	-	-
Owl, Spotted, Mexican	<i>Strix occidentalis lucida</i> (NM,AZ)	no map		T	-	S	-	S	-
Pelican, Brown	<i>Pelecanus occidentalis carolinensis</i> (NM)	no map		-	E	S	-	-	-
Pipit, Sprague's	<i>Anthus spragueii</i>	no map	no photo	C	-	S	-	-	-
Plover, Mountain	<i>Charadrius montanus</i>		no photo	T	-	S	-	S	-
Plover, Snowy, Western	<i>Charadrius alexandrinus nivosus</i> (NM,AZ)	no map		-	-	S	-	-	-
Shrike, Loggerhead	<i>Lanius ludovicianus excubitorides</i> (NM);sonoriensis	no map		-	-	S	S	S	-

BISON-M

Page 5 of 7

	(NM); gambell (NM)								
Sparrow, Baird's	<i>Ammodramus bairdii</i>	no map		-	T	S	S	-	S
Tern, Black	<i>Chlidonias niger surinamensis</i> (NM)	no map		-	-	-	S	-	S
Tern, Least	<i>Sterna antillarum athalassos</i> (NM)	no map		E	E	S	-	-	-
Trogon, Elegant	<i>Trogon elegans canescens</i> (NM)	no map		-	E	S	-	-	-
Vireo, Bell's	<i>Vireo bellii arizonae</i> (NM,AZ); <i>medius</i> (NM)	no map		-	T	S	-	-	S
Vireo, Gray	<i>Vireo vicinior</i>			-	T	S	-	-	-
Bat, Big-eared, Allen's	<i>Idionycteris phyllotis</i>			-	-	S	S	S	S
Bat, Big-eared, Townsend's, Pale	<i>Corynorhinus townsendii pallescens</i> (NM,AZ)	no map	no photo	-	-	S	S	S	S
Bat, Myotis, Brn., Little, Occult	<i>Myotis lucifugus occultus</i> (NM,AZ)	no map	no photo	-	-	S	S	S	-
Bat, Myotis, Fringed	<i>Myotis thysanodes thysanodes</i> (NM,AZ)	no map	no photo	-	-	-	S	S	-
Bat, Myotis, Long-eared	<i>Myotis evotis evotis</i> (NM,AZ)	no map	no photo	-	-	-	S	S	-
Bat, Myotis, Long-legged	<i>Myotis volans interior</i> (NM,AZ)	no map	no photo	-	-	-	S	S	-
Bat, Myotis, Small-footed, W.	<i>Myotis ciliolabrum melanorhinus</i> (NM,AZ)	no map		-	-	-	S	S	-
Bat, Myotis, Yuma	<i>Myotis yumanensis yumanensis</i> (NM,AZ)	no map		-	-	-	S	S	-

									
Prairie Dog, Gunnison's, prairie populations	<i>Cynomys gunnisoni gunnisoni</i> (NM); <i>zuntensis</i> (NM)	no map		-	-	S	-	S	-
Prairie Dog, Gunnison's, montane populations	<i>Cynomys gunnisoni gunnisoni</i> (NM); <i>zuniensis</i> (NM)	no map	no photo	C	-	S	-	S	-
Gopher, Pocket, Botta's	<i>Thomomys bottae alibatus</i> (AZ); <i>alexandrae</i> (AZ); <i>alienus</i> (NM); <i>aureus</i> (NM, AZ); <i>catalinae</i> (AZ); <i>cervinus</i> (NM); <i>cultellus</i> (AZ); <i>desertorum</i> (AZ); <i>fulvus</i> (NM, AZ); <i>lachugilla</i> (NM); <i>modicus</i> (AZ); <i>pectoralis</i> (NM); <i>peramplus</i> (NM, AZ); <i>perv</i>	no map	no photo	-	-	S	-	-	-
Gopher, Pocket, Desert	<i>Geomys arenarius brevisrostris</i> (NM)	no map	no photo	-	-	-	-	S	S
Gopher, Pocket, Yellow-faced	<i>Cratogeomys castaneops castaneops</i> (NM); <i>hirtus</i> (NM); <i>parviceps</i> (NM); <i>perplanus</i> (NM)	no map	no photo	-	-	S	-	-	-
Muskrat, Pecos River	<i>Ondatra zibethicus ripensis</i> (NM)	no map	no photo	-	-	-	S	S	S
Pronghorn, Chihuahuan	<i>Antilocapra americana mexicana</i> (NM, AZ)	no map	no photo	-	-	S	-	-	-
Rat, Wood, White Sands	<i>Neotoma micropus leucophaea</i>	no map	no photo	-	-	-	-	-	S
Ringtail	<i>Bassariscus astutus arizonensis</i> (NM, AZ); <i>flavus</i> (NM); <i>yumianensis</i> (AZ); <i>nevadensis</i> (AZ)	no map		-	-	S	-	S	-
Sheep, Bighorn, Desert	<i>Ovis canadensis mexicana</i> (listed pops)	no map		-	T	S	-	-	-
Shrew, Desert, Crawford's	<i>Notiosorex crawfordi crawfordi</i> (NM, AZ)	no map	no photo	-	-	S	-	-	-
Skunk, Hog-nosed, Common	<i>Conepatus leuconotus mearnsi</i> (NM); <i>venaticus</i> (NM, AZ)	no map	no photo	-	-	-	-	S	-
Skunk, Spotted, Western	<i>Spilogale gracilis</i>	no map	no photo	-	-	-	-	S	-
Vole, Long-	<i>Microtus longicaudus longicaudus</i> (NM); <i>alticola</i>	no	no photo	-	-	S	-	-	-

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Page 7 of 7

tailed	(AZ);baileyi (AZ);mordax (AZ)	map							
Wolf, Gray, Mexican	Canis lupus baileyi (NM,AZ)	no map		E	E	S	-	-	-
Mountainsnail, Mineral Creek	Oreohelix pilsbryi	no map	no photo	-	T	S	-	-	S
Mountainsnail, Subalpine	Oreohelix subrudis	no map	no photo	-	-	S	-	-	-
Mountainsnail, Morgan Creek	Oreohelix swopei	no map	no photo	-	-	S	-	-	-
Mountainsnail, Black Range	Oreohelix metcalfei acutidiscus (NM)	no map	no photo	-	-	S	-	-	-
Mountainsnail, Black Range	Oreohelix metcalfei metcalfei (NM)	no map	no photo	-	-	S	-	-	-
Woodlandsnail, Dry Creek	Ashmunella tetrodon animorum (NM)	no map	no photo	-	-	S	-	-	-
Woodlandsnail, Iron Creek	Ashmunella mendax	no map	no photo	-	-	S	-	-	-
Shrimp, Fairy, Moore's	Streptocephalus moorei	no map	no photo	-	-	S	-	S	-
Skipper, Skipperling, Four-potted	Piruna polingii	no map	no photo	-	-	S	-	-	-
Butterfly, Viceroy, Obsolete	Basilarchia archippus obsoleta (NM,AZ)	no map	no photo	-	-	S	-	-	S

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Listed and Sensitive Species in Sierra County

Total number of species: 33



Common Name	Scientific Name	Group	Status
Sprague's pipit	<i>Anthus spragueii</i>	Bird	Candidate
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	Bird	Candidate
Rio Grande cutthroat trout	<i>Oncorhynchus clarki virginalis</i>	Fish	Candidate
Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>	Bird	Endangered
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	Bird	Endangered
Rio Grande silvery minnow ³	<i>Hybognathus amarus</i>	Fish	Endangered
Black-footed ferret ²	<i>Mustela nigripes</i>	Mammal	Endangered
Todsen's pennyroyal Designated Critical Habitat	<i>Hedeoma todsenii</i>	Plant	Endangered
Whooping Crane	<i>Grus americana</i>	Bird	Experimental, Non-essential Population
Gray Wolf (Mexican Gray Wolf)	<i>Canis lupus baileyi</i>	Mammal	Experimental, Non-essential Population
Chiricahua leopard frog	<i>Rana chiricahuensis</i>	Amphibian	Threatened
Mexican spotted owl Designated Critical Habitat	<i>Strix occidentalis lucida</i>	Bird	Threatened
Gila trout	<i>Oncorhynchus gilae</i>	Fish	Threatened
White Sands pupfish	<i>Cyprinodon tularosa</i>	Fish	Under Review
Mineral Creek mountainsnail	<i>Oreohelix pilsbryi</i>	Mollusc - Invertebrate	Under Review

Species of Concern

Species of Concern are included for planning purposes only.

Common Name	Scientific Name	Group	Status
Desert viceroy butterfly	<i>Limenitis archippus obsoleta</i>	Arthropod - Invertebrate	Species of Concern

American peregrine falcon	<i>Falco peregrinus anatum</i>	Bird	Species of Concern
Arctic peregrine falcon	<i>Falco peregrinus tundrius</i>	Bird	Species of Concern
Baird's sparrow	<i>Ammodramus bairdii</i>	Bird	Species of Concern
Bell's vireo	<i>Vireo bellii</i>	Bird	Species of Concern
Black tern	<i>Chlidonias niger</i>	Bird	Species of Concern
Northern goshawk	<i>Accipiter gentilis</i>	Bird	Species of Concern
Western burrowing owl	<i>Athene cunicularia hypugaea</i>	Bird	Species of Concern
Desert sucker	<i>Catostomus clarki</i>	Fish	Species of Concern
Sonora sucker	<i>Catostomus insignis</i>	Fish	Species of Concern
Black-tailed prairie dog ¹	<i>Cynomys ludovicianus</i>	Mammal	Species of Concern
Organ Mountains Colorado chipmunk	<i>Eutamias quadrivittatus australis</i>	Mammal	Species of Concern
Southwestern otter	<i>Lutra canadensis sonora</i>	Mammal	Species of Concern
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	Mammal	Species of Concern
White Sands woodrat	<i>Neotoma micropus leucophaea</i>	Mammal	Species of Concern
Duncan's pincushion cactus	<i>Coryphantha duncanii</i>	Plant	Species of Concern
Pinos Altos flame flower	<i>Talinum humile</i>	Plant	Species of Concern
Sandhill goosefoot	<i>Chenopodium cycloides</i>	Plant	Species of Concern

Endangered	Any species which is in danger of extinction throughout all or a significant portion of its range.	Threatened	Any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
Candidate	Candidate Species (taxa for which the Service has sufficient information to propose that they be added to list of endangered and threatened species, but the listing action has been precluded by other higher priority listing activities).	Proposed	Any species of fish, wildlife or plant that is proposed in the Federal Register to be listed under section 4 of the Act. This could be either proposed for endangered or threatened status.
Experimental, Non-essential Population	A reintroduced population established outside the species' current range, but within its historical range. For purposes of section 7 consultation, this population is treated as a proposed species, except when it is located within a National Wildlife Refuge and National Park, when the population is considered threatened.		

Rare Plant List

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Results of County Search

SIERRA	
Scientific name	County-NM
Agastache cana	Doña Ana, Grant, Luna, Sierra
Astragalus castetteri	Doña Ana, Sierra
Cirsium wrightii	Chaves, Eddy, Guadalupe, Otero, Sierra, Socorro
Cuscuta warneri	Roosevelt, Sierra
Desmodium metcalfei	Grant, Sierra
Draba mogollonica	Catron, Grant, Sierra, Socorro
Draba standleyi	Doña Ana, Otero, Sierra, Socorro
Erigeron scopulinus	Catron, Sierra, Socorro
Escobaria duncanii	Sierra
Escobaria sandbergii	Doña Ana, Sierra
Grindelia arizonica var. neomexicana	Grant, Sierra
Hedeoma todsenii	Otero, Sierra
Hexalectris arizonica	Doña Ana, Hidalgo, Otero, Sierra
Hymenoxys vaseyi	Doña Ana, Sierra
Penstemon metcalfei	Sierra
Perityle staurophylla var. homoflora	Sierra, Socorro
Perityle staurophylla var. staurophylla	Doña Ana, Otero, Sierra
Physaria gooddingii	Catron, Sierra
Silene plankii	Bernalillo, Doña Ana, Sandoval, Sierra, Socorro, Torrance
Silene thurberi	Grant, Hidalgo, Sierra
Silene wrightii	Catron, Grant, Luna, Sierra, Socorro

Photo credits in header *Peniocereus greggii* var. *greggii* © T. Todsén,
Lepidospartum burgessii © M. Howard, *Argemone pleiacantha* ssp. *pinnatisecta* © R. Sivinski
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APPENDIX H

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

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APPENDIX H:
NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

Dear,

The Las Cruces District of the Bureau of Land Management (BLM) is processing a mining action in Sierra County, New Mexico. The proposed mining action is the reopening of the Copper Flat Mine that is east of Hillsboro, in Sierra County, New Mexico. The mine is located on BLM and private lands in Sections 25, 26, 27, 35, and 36 of Township (T) 15 South (S), Range (R) 7 West (W), and within Section 31 of T 15 S, R 6 W, as depicted on the Skute Stone Arroyo, New Mexico and Hillsboro, New Mexico United States Geological Service (USGS) Quadrangles (see Map Figure 1).

A cultural resources survey was performed within the proposed mine project area as a part of the analysis for the Environmental Impact Statement (EIS) that is being developed for this project. Fifty-three sites were revisited or newly recorded during the course of that survey. Of these fifty-three sites, fifty-one have historic, primarily mining-related components. There are nine sites that have prehistoric components. Among these nine are seven flaked stone sites, one site with flaked stone and possible features (roasters), and one site that contains petroglyph panels with prehistoric and historic glyphs. A map that shows the locations of the recorded sites is attached to this document after the project area map (Map Figure 2). A table of sites with their temporal assignment and National Register of Historic Places eligibility status is to be found attached after the maps.

The contracting company recommended that, if avoidance of the sites was feasible, then the sites should be avoided. However, given the nature of the proposed activity, avoidance may not be an option for some or all of the sites within the project area. Because of this potential, a memorandum of agreement, a research design, plan of work, and NAGPRA treatment plan will need to be developed for the sites within the project area.

To help facilitate the EIS work and to ensure that all potentially culturally significant sites are accounted for in the planning process we are asking whether there are any Traditional Cultural Properties or other sites within the project area about which you have information so that we are able to work with you to preserve them or mitigate the effects of the project on them.

This letter is being sent maintain our relationships with consulting tribes as well as to meet our consultation requirements under Section 106 of the National Historic Preservation Act, The Native American Graves and Repatriation Act, the American Indian Religious Freedom Act, as well as our 2004 Protocol and IM No. MN-2005-037. In honoring these laws and documents, we are asking whether there exist any known Traditional Cultural Properties or other areas of religious or cultural significance that would require avoidance, reconsideration of the Area of Potential Effect, or other mitigation of the effects of the proposed actions. If there are properties or issues that can be mitigated, we will consult further on the proper methods for that mitigation.

In response to this letter or if you wish to begin further consultation on this issue, please contact our archaeologist, David Legare, at (575) 525-4398 or by e-mail at david_legare@blm.gov.

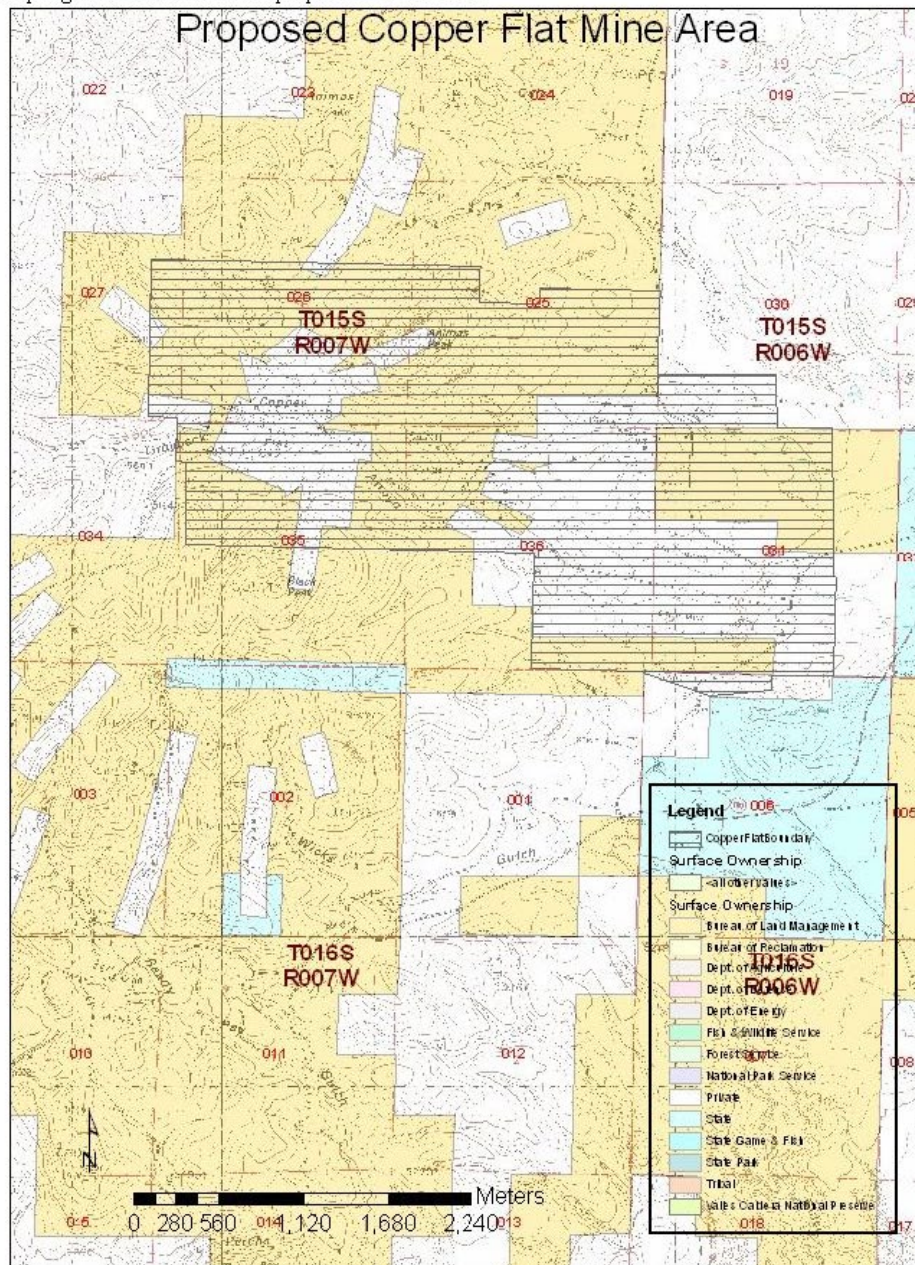
Thank you,

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

Bill Childress
District Manager
Las Cruces District Office
Bureau of Land Management

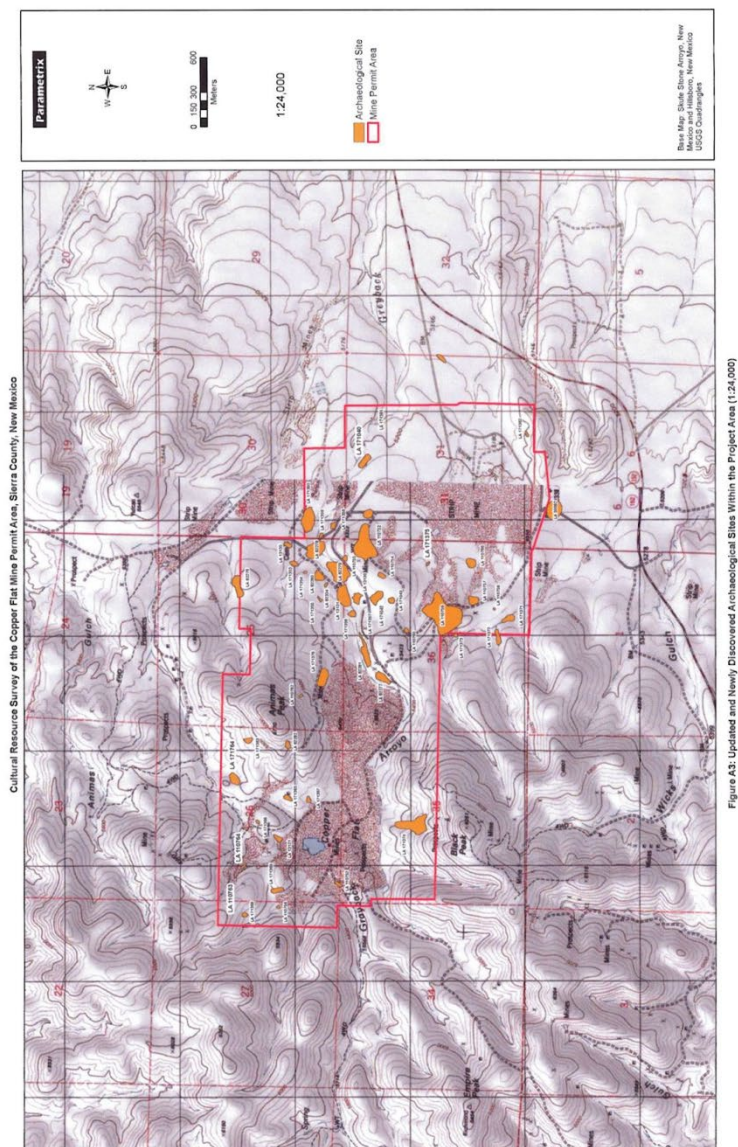
NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

Map Figure 1: Overview of the proposed mine location.



NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

Map Figure 2: Locations of cultural resource sites within the proposed mine location.



NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

Table of Sites, Temporality, and NRHP Eligibility		
Site	Temporality (Prehistoric or Historic)	Eligibility Summary
LA 13121	Prehistoric/Historic	Previously determined <i>eligible</i> in 1996
LA 13130	Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and D
LA 13131	Prehistoric/Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and D
LA 13135	Historic	Previously recommended <i>not eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criterion D
LA 82276	Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and Contributing element of district
LA 82277	Prehistoric/Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended <i>not eligible</i>
LA 82278	Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and D
LA 82279	Prehistoric/Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and D
LA 82280	Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and D
LA 82281	Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and D
LA 82282	Historic	Previously recommended <i>eligible</i> in 1991 (no SHPO determination). Currently recommended individually <i>eligible</i> under Criteria A and D
LA 82334	Historic	Previously recommended <i>not eligible</i> in 1990 (no SHPO determination). Currently recommended <i>not eligible</i> under any criteria
LA 110752	Prehistoric/Historic	Previously given a status of <i>not determined</i> Currently recommended <i>not eligible</i> under any criteria
LA 110753	Historic	Previously determined <i>eligible</i> in 1996
LA 110754	Prehistoric/Historic	Previously given a status of <i>not determined</i>
LA 110755	Prehistoric/Historic	Previously given a status of <i>not determined</i> Currently recommended individually <i>eligible</i> under Criteria A and D
LA 110756	Historic	Previously given a status of <i>not determined</i> Currently recommended individually <i>eligible</i> under Criteria A and D
LA 110757	Prehistoric/Historic	Previously given a status of <i>not determined</i> . Currently recommended individually <i>eligible</i> under Criteria A and D
LA 110758	Prehistoric	Previously given a status of <i>not determined</i>
LA 110759	Historic	Previously determined <i>eligible</i> in 1996
LA 110760	Historic	Previously given a status of <i>not determined</i> . Currently recommended as <i>undetermined</i>
LA 110761	Historic	Previously recommended <i>not eligible</i> in 1990 (no SHPO determination) Currently recommended <i>not eligible</i> under any criteria
LA 110762	Historic	Previously determined <i>eligible</i> in 1996

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

LA 110763	Prehistoric/Historic	Previously determined <i>eligible</i> in 1996
LA 110764	Prehistoric	Previously given a status of <i>not determined</i> . Currently recommended <i>not eligible</i> under any criteria
LA 110766	Prehistoric/Historic	Previously given a status of <i>not determined</i> . Currently recommended individually <i>eligible</i> under Criteria A and D
LA 171040	Historic	Recommended <i>not eligible</i> for individual listing under any criteria
LA 171042	Historic	Recommended as <i>undetermined</i> for individual listing
LA 171043	Historic	Recommended as <i>undetermined</i> for individual listing
LA 171353	Historic	Recommended <i>eligible</i> for individual listing under Criterion A
LA 171354	Historic	Recommended <i>eligible</i> for individual listing under Criterion A
LA 171355	Historic	Recommended <i>eligible</i> for individual listing under Criterion A
LA 171356	Historic	Recommended <i>eligible</i> for individual listing under Criteria A and D
LA 171357	Historic	Recommended <i>eligible</i> for individual listing under Criterion A
LA 171358	Historic	Recommended <i>not eligible</i> for individual listing under any criteria
LA 171359	Prehistoric/Historic	Recommended <i>eligible</i> for individual listing under Criterion D
LA 171360	Historic	Recommended <i>eligible</i> for individual listing under Criteria A and D
LA 171361	Historic	Recommended <i>not eligible</i> for individual listing under any criteria
LA 171362	Historic	Recommended as <i>undetermined</i> for individual listing
LA 171363	Historic	Recommended <i>eligible</i> for individual listing under Criterion A
LA 171364	Historic	Recommended <i>eligible</i> for individual listing under Criteria A and D
LA 171365	Historic	Recommended <i>eligible</i> for individual listing under Criterion A
LA 171366	Historic	Recommended <i>not eligible</i> for individual listing under any criteria
LA 171367	Historic	Recommended <i>eligible</i> for individual listing under Criterion A
LA 171368	Historic	Recommended <i>not eligible</i> for individual listing under any criteria
LA 171369	Historic	Recommended <i>not eligible</i> for individual listing under any criteria
LA 171371	Historic	Recommended <i>eligible</i> for individual listing under Criteria A and D
LA 171372	Prehistoric/Historic	Recommended <i>eligible</i> for individual listing under Criteria A and D
LA 171373	Historic	Recommended as <i>undetermined</i> for individual listing
LA 171374	Historic	Recommended <i>eligible</i> for individual listing under Criteria A and D
LA 171375	Historic	Recommended <i>not eligible</i> for individual listing under any criteria
LA 171376	Historic	Recommended <i>eligible</i> for individual listing under Criteria A and D

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE



LeRoy N. Shingoitewa
CHAIRMAN

Herman G. Honanie
VICE-CHAIRMAN

November 19, 2012

Bill Childress, District Manager
Attention: David Legare, Archaeologist
Bureau of Land Management, Las Cruces District Office
1800 Marquess Street
Las Cruces, New Mexico 88005

Dear Mr. Childress,

This letter is in response to your correspondence dated November 6, 2012, regarding the proposed reopening of the Copper Flat Mine east of Hillsboro. The Hopi Tribe claims cultural affiliation to the Paleo, Archaic, Mimbres and Mogollon prehistoric cultural groups in the Las Cruces District. The Hopi Cultural Preservation Office supports the identification and avoidance of prehistoric archaeological sites, and we consider the prehistoric archaeological sites of our ancestors to be Traditional Cultural Properties. Therefore, we appreciate the Bureau of Land Management (BLM), Las Cruces Field Office's solicitation of our input and your efforts to address our concerns.

The Hopi Cultural Preservation Office understands a cultural resources survey as part of an environmental impact statement being developed for this proposal identified 13 prehistoric sites, 9 of which are considered National Registrar eligible, including a petroglyph panel. We understand that these sites may not be able to be avoided by project activities and that a memorandum of agreement and treatment plan are being developed.

Therefore, we have determined that this proposal may adversely affect prehistoric sites significant to the Hopi Tribe, and we request continuing consultation on it. Please provide us with copies of the cultural resources survey report of the area of potential effect, draft environmental impact statement and any proposed treatment plans for review and comment.

If you have any questions or need additional information, please contact Terry Morgart at the Hopi Cultural Preservation Office at 928-734-3619 or tmorgart@nsn.us. Thank you for your consideration.

Respectfully,

Leigh J. Kuwanwisiwma, Director
Hopi Cultural Preservation Office

xc: New Mexico State Historic Preservation Office



White Mountain Apache Tribe

Office of Historic Preservation

PO Box 507

Fort Apache, AZ 85926

Ph: (928) 338-3033 Fax: (928) 338-6055

To: David Legare, BLM Archaeologist, Las Cruces District Office

Date: November 30, 2012

Project: Reopening of the Copper Flat Mine, Hillsboro, Sierra County, New Mexico

.....
The White Mountain Apache Tribe Historic Preservation Office appreciates receiving information on the proposed project, November 06, 2012. In regards to this, please attend to the following checked items below.

► ***There is no need to send additional information unless project planning or implementation results in the discovery of sites and/or items having known or suspected Apache Cultural affiliation.***

N/A - The proposed project is located within an area of probable cultural or historical importance to the White Mountain Apache tribe (WMAT). As part of the effort to identify historical properties that maybe affected by the project we recommend an ethno-historic study and interviews with Apache Elders. The tribe's ***Cultural Heritage Resource Director Mr. Ramon Riley*** may be contacted at (928) 338-3033 for further information should this become necessary.

► Please refer to the attached additional notes in regards to the proposed project:

We have received and reviewed the information regarding BLM proposal to re-open the Copper Flat mine located east of Hillsboro, Sierra County, New Mexico, and we have determined the proposed project ***will not have an adverse effect*** on the White Mountain Apache tribe's (WMAT) historic properties and/or traditional cultural resources. Regardless, we recommend ***any/all archaeological sites be avoided and any/all ground disturbing activities be monitored if there are reasons to believe that there are human remains and/or funerary objects are present, and if such remains and/or objects are encountered all project activities should cease and the proper authorities and/or affiliated tribe(s) be notified to evaluate the situation.***

Thank you. We look forward to continued collaborations in the protection and preservation of place of cultural and historical significance.

Sincerely,

Mark T. Altaha

White Mountain Apache Tribe

Historic Preservation Office

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

Department of Cultural Affairs
Historic Preservation Division
Bataan Memorial Building
407 Galisteo Street, Suite 236
Santa Fe, NM 87501
Att'n.: Ms. Michelle Ensey

Dear Ms. Ensey:

Please find the revised report "Cultural Resource Inventory of the Copper Flat Mine Permit Area, Sierra County, NM" enclosed for your review. This report is recorded with the Museum of New Mexico, Museum of Indian Arts and Culture, Laboratory of Anthropology (hereafter, LA) NMCRIS report number 122233. The report was prepared to determine what sites exist within the proposed project area that could be affected by reopening and operating the Copper Flat Mine. The report was prepared by Parametrix of Albuquerque, New Mexico for New Mexico Copper Corporation. Submittal of this report was delayed awaiting blast vibration data from the mine proponent. That data indicated that there is a fifty foot area outside the project area on the west side that could, potentially, be impacted by blast vibration. As this constitutes a single transect by one archaeologist, Mr. David Legare will perform that survey and submit it as an addendum to this report at a later date.

This project was performed as part of the analysis for an Environmental Impact Statement that is being considered by the Bureau of Land Management (BLM), Las Cruces District Office.

The lands under consideration are public lands under the jurisdiction of the BLM and privately held parcels.

The survey reported in NMCRIS report 122233 resulted in the discovery of twenty-three newly identified sites, revisits to twenty-nine previously recorded sites, eighteen sites that could not be relocated, four HCPI properties that were discovered or revisited and registered, and 490 isolated occurrences. The eighteen previously recorded sites that could not be relocated were outside of the project area or no longer meet the definitions of an archaeological site. The bulk of these sites appear to have been destroyed by previous mining activities. No surficial evidence exists for eleven sites that were recorded in the 1970s by New Mexico State University. The remainder are outside of the proposed project area. No data recovery information could be found for the sites that were believed destroyed. Among the twenty-nine previously recorded sites that were revisited, thirteen had been determined eligible for the National Register of Historic Places (NRHP) by the New Mexico State Historic Preservation Officer (SHPO). Twelve of these thirteen retain integrity and are recommended as still eligible for the NRHP. One (LA 82277) has been badly disturbed by previous mining activity and no longer retains sufficient integrity to qualify for the NRHP. Eleven previously recorded sites had undetermined NRHP status. Four of these sites (LA110755, LA 110756, LA 110757, and LA110766) are now recommended as eligible for the NRHP because of the work performed during this project. Two other sites (LA 110752 and LA 110764) are now recommended to be ineligible for the NRHP. Five sites (LA

110754, LA 110758, LA 110760, LA 171042, and LA 171043) were recommended to retain their NRHP status of undetermined. Six of the previously recorded sites had been determined not eligible for the NRHP. Four of the above (LA 82334, LA 110761, LA 110765, and LA 171040) should retain that ineligible status. However, LA 13135 is recommended as eligible for the NRHP under criterion "d." This site is a cemetery but it meets the special requirements under Criterion Consideration D: Cemeteries. This site has the potential to provide information about nearby sites that is not available from any other known sources. Site LA 110762 is recommended as eligible under criterion "a" because of its association with events important to local history.

Eight of the twenty-three newly recorded sites (LA 171356, LA 171359, LA 171360, LA 171364, LA 171371, LA 171374, LA 171372, and LA 171376) were recommended eligible for the NRHP either under criterion "d" or under criteria "a" and "d." Seven sites (LA 171353, LA 171354, LA 171355, LA 171357, LA 171363, LA 171365, and LA 171267) were recommended as eligible for the NRHP under criterion "a" only because they lack information potential but they are associated with events that are important to local history. Two sites (LA 171362 and LA 171373) are recommended as having undetermined status for the NRHP. Six of the twenty-three newly recorded sites (LA 171358, LA 171361, LA 171366, LA 171368, LA 171369, and LA 171375) are recommended as not eligible to the NRHP under any criterion.

In addition, four structures were recorded on HCPI forms and registered into that system as HCPI 30633, HCPI 31363, HCPI 31364, and HCPI 31365.

HCPI 30633 (The Toney House in LA 110753) is an abandoned one and one-half story stucco-covered adobe residence with a gable roof. The building has two, shed-roofed additions (probably later additions) on the northwest and southeast. The northwest wing is a roofed garage. These additions were made more than 50 years ago.

HCPI 31363 (Hillscher House in LA 110759) is an isolated, one-story building that has a rectangular footprint and was constructed of concrete, brick, and adobe. The building has a side-gabled roof with a southern addition with a side-gabled roof and a shed roof extending from the eastern roofline that forms a partial-width porch. The roofs are covered by corrugated metal panels. On the north and south elevations are exterior, brick chimneys. The south chimney has a relatively recent stucco plaster coating. The existing, original windows are double hung and wood framed.

HCPI 31364 (Gold Dust Building in LA 50092) is a white, one-story, stucco-covered, adobe-brick building. HCPI 31364 and the town of Gold Dust (LA 50092) are located outside of the current project area but lie within the fifty foot buffer that was inspected for standing structures. The building has a square footprint and is built on an above-grade concrete foundation. The original portion of the building has a gabled roof clad in corrugated metal panels. A northern addition has a flat roof with parapets. An enclosed, corner porch was constructed of wood frame and plywood. This appears to have been the latest addition to the structure. All of the windows appear to be original and are wood-framed and double-hung.

HCPI 31365 (Greyback Shack in LA 82278) is a single-room structure. The lower portions of the walls are rock and the upper portion is adobe brick. The building has a flat to slightly-sloped roof of wood planks. The fenestration and door are wood encased but windows and doors are missing.

The BLM concurs with recommendations made by Parametrix for the sites above.

Because this proposed undertaking is the restarting of operations at an existing open-pit copper mine, there is the potential for the project to damage or destroy one, some, or all of the sites that are considered either undetermined or eligible for the NRHP that were recorded for this report. This proposed undertaking is expected to be underway for approximately twenty years. In the light of the above facts, there are several stipulations that appear in order.

The first of these stipulations is that those sites that currently have an undetermined status for the NRHP should be subjected to further testing to determine their eligibility for that register.

The second stipulation is that, given the long time frame, the past history of damage to sites by the previous mining operations, and uncertain nature of the direction and scope of further mine excavations and waste rock dumping, those sites that have already been determined eligible for the NRHP as well as those that may be determined eligible for that register through a testing program should be enclosed in protective fencing to prevent inadvertent damages.

The third stipulation is that a treatment plan that is sufficiently open-ended to allow for changes in archaeological methodology and that addresses all of the necessary forms of investigation including, but not necessarily limited to, archival, ethnological, and archaeological investigations that can shed light upon the functions of the sites as well as the people who carried out the activities associated with those functions.

The fourth stipulation is that, due to the long operational duration expected for the reopened mine, a programmatic agreement that outlines the appropriate procedures that must be followed in the event that an expansion of the mine, its facilities, or any other operational activity is expected at any time during the expected operation of the mine. This programmatic agreement must be agreed upon and signed by all of the principal concerned parties (i.e., the mine operators, the BLM, the New Mexico SHPO, and any other primary, interested parties).

An additional issue that arose during the survey by Parametrix is that of a possible historic district. This district, if it were to be realized, would most likely encompass the existing historic district at Lake Valley, the Copper Flat Mine area, the areas around the towns of Hillsboro and Kingston, the Animas Creek, the Animas Hills, Wicks Gulch, and the upper Percha Creek. Lake Valley and Hillsboro are currently listed on the New Mexico State Register of Historic Properties and Hillsboro is listed on the NRHP. The theme under which such a district might be organized would be that of mining as it represents the mining boom that occurred in the area in the 1870s and 1880s and that continued through the 1950s in

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

some places (Lake Valley). The area also witnessed a second, smaller peak in the 1930s when the depression made small scale mining feasible during the Great Depression.

This district does not currently exist. It is well outside the scope of the current project to tackle such a large secondary project. Nevertheless, sites within the Copper Flat Mine area that have the potential to contribute to such a district were identified during this work.

If you have any questions or concerns, please contact our archaeologist, Mr. David Legare, at (575) 525-4398 or by e-mail at dlegare@blm.gov.

Thank you for your time in consideration of this report.

Bill Childress
District Manager
Las Cruces District Office
Bureau of Land Management

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE



Susana Martinez
Governor

STATE OF NEW MEXICO
DEPARTMENT OF CULTURAL AFFAIRS
HISTORIC PRESERVATION DIVISION

BATAAN MEMORIAL BUILDING
407 GALISTEO STREET, SUITE 236
SANTA FE, NEW MEXICO 87501
PHONE (505) 827-6320 FAX (505) 827-6338

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2014 FEB 26 PM 1:17

LAS CRUCES, NM 88005

December 13, 2013

Mr. Dave Legare
Bureau of Land Management
Las Cruces District Office
1800 Marquess St.
Las Cruces, NM 88005

Dear Mr. Legare,

Thank you for providing the New Mexico State Historic Preservation Officer (SHPO), a survey report entitled *Cultural Resources Inventory of the Copper Flat Mine Permit Area, Sierra County, New Mexico* (NMCRIS 122233; HPD log 98586) I am providing SHPO review comments for the project with this letter.

The SHPO concurs with the Bureau of Land Management's (BLM) determinations of eligibility (DOE) that 38 properties are eligible for listing in the National Register of Historic Places (NRHP).

The SHPO concurs with the BLM's DOE that all eleven of the previously recorded sites not relocated during the current survey are not eligible for listing in the NRHP.

The consultant recommended that an additional six resources were not eligible for listing in the NRHP under any criterion, but that four of these may be contributing elements to a potential historic district. The BLM's position on this recommendation is not clearly stated in the letter, and BLM personnel did not enter DOEs on either the LA forms or in NMCRIS. It is SHPO's opinion that these four properties eligibility should remain undetermined pending additional consultation between our offices. We will need to conduct additional consultation to establish how their eligibility as contributing elements of a potential historic district will be evaluated.

The SHPO concurs with the BLM that thirteen archaeological sites have undetermined eligibility for listing in the NRHP. Our offices need further consultation to determine when and how eligibility for these sites will be established.

The SHPO also agrees that the undertaking is will be best managed under a Programmatic Agreement (PA). Consequently, the SHPO does not concur with the assessment of effect or recommended treatments to avoid, minimize or mitigate adverse effects to historic properties because we believe that these should be deferred until the development of the PA, which should include the assessment of the blast effects report cited in the consultation letter.

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

* Our office looks forward to continuing consultation with the BLM for this project. If you have any questions or comments please feel free to call me directly at (505) 827-4425 or email me at bob.estes@state.nm.us.

Sincerely,

A handwritten signature in blue ink that reads "Bob Estes". The signature is written in a cursive style with a large "B" and "E".

Bob Estes

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Las Cruces District Office
1800 Marquess Street
Las Cruces, New Mexico 88005
www.blm.gov/nm



In Reply Refer To:

8100 (L0310)

SEP 17 2014

Ms. Katie Emmer
Permitting & Environmental Compliance
New Mexico Copper Corporation
2424 Louisiana Blvd., NE
Albuquerque, NM 87110

Dear Ms. Emmer:

This letter was sent to the New Mexico State Historic Preservation Officer and is our Determination of Effect for the New Mexico Copper Corporation's (NMCC) proposed Copper Flat Mine. This Determination of effect is based on the report entitled "Cultural Resource Inventory of the Copper Flat Mine Permit Area, Sierra County, New Mexico" that was produced by Parametrix under NMCRIS Activity #122233. This letter also contains determinations of effect for each of the sites under each of the proposed alternatives that are being considered in the Environmental Impact Statement (EIS) for this project. This level of detail was selected because of the different effects of each proposed alternative.

The proposed NMCC Copper Flat Mine will be an adverse effect undertaking as a result of the destruction of or damage to sites caused by the proposed mining operation and that are within the proposed project area.

In order to more fully address the effects of the undertaking, maps of the three proposed alternatives to be addressed in the EIS were created with all of the site locations plotted (see enclosed maps). Because the areal extent of each of the alternatives has been determined, it became practical to assess impacts by alternative. The following table outlines effects to the sites by site and alternative.

In this table the entry "Vibration/Direct" indicates that there are structures or structural remains with standing walls and that are subject to partial direct effects as well as the indirect effects of ground vibrations resulting from the use of explosives in the mine pit or from those vibrations caused by the near passage of ore hauling trucks.

The use of the term "Inadvertent" is used to indicate that a site is located close enough to the mine operations that, while effects cannot be positively identified or predicted, there is some possibility that accidental damage may occur because of the site's location. These are generally sites that are not subject to direct or identifiable indirect effects of the mining operation itself.

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

2

The term is, in effect, a proximity warning and measures will need to be developed to offset any potential for damage that may or may not occur. The "Recommendations" column contains items that will be brought to the proponent for their consideration to remove or mitigate effects to sites.

Determinations of Effect for Copper Flat Mine Alternatives					
LA Number	Eligibility	Effects			Recommendations
		Preferred Action	Alternative 1	Alternative 2	
50092	Yes	Vibration	Vibration	Vibration	
171362	Undetermined	Inadvertent	Inadvertent	Inadvertent	Fence site to avoid inadvertent effects
171361	No	No effect	No effect	No effect	
171040	No	No effect	No effect	No effect	
171371	Yes	Direct	Direct	Direct	
171372	Yes	Vibration/Direct	Vibration/Direct	Vibration/Direct	
110758	Undetermined	Direct	Direct	Direct	
110757	Yes	Direct	Direct	Direct	
110766	Yes	Direct	Direct	Direct	
171373	Undetermined	No effect	No effect	No effect	
110759	Yes	Vibration/Direct	Vibration/Direct	Vibration/Direct	
171375	Undetermined	Direct	Direct	Direct	
171360	Yes	Direct	Direct	Direct	
110761	No	No effect	No effect	No effect	
110765	No	No effect	No effect	No effect	
171358	No	No effect	No effect	No effect	
171359	Yes	Inadvertent	Inadvertent	Inadvertent	Fence site to avoid inadvertent effects
82278	Yes	Vibration/Direct	Vibration/Direct	Vibration/Direct	Move topsoil pile and fence site, then no direct effect
13135	Yes	Direct	Direct	Direct	Move topsoil pile and fence site, then no effect
171353	Yes	Direct	Direct	Direct	
171354	Yes	Direct	Direct	Direct	
110753	Yes	Direct	Direct	Direct	
110755	Yes	Direct	Direct	Direct	
82280	Yes	Direct	Direct	Direct	
82276	Yes	No effect	No effect	No effect	
82279	Yes	Vibration/Direct	Vibration/Direct	Vibration/Direct	

Determinations of Effect for Copper Flat Mine Alternatives (Concluded)					
LA Number	Eligibility	Effects			Recommendations
		Preferred Action	Alternative 1	Alternative 2	
82334	No	No effect	No effect	No effect	
171355	Yes	Direct	Direct	Direct	
13131	Yes	Direct	Direct	Direct	
171356	Yes	Direct	Direct	Direct	
13130	Yes	Direct	Inadvertent	Direct	Fence site to avoid inadvertent effects
110754	Undetermined	Direct	Direct	Direct	
171042	Undetermined	Direct	Direct	Direct	
171043	Undetermined	Direct	Direct	Direct	
171357	Yes	Direct	Inadvertent	Direct	Fence site to avoid inadvertent effects
82281	Yes	Direct	Direct	Direct	
110760	Undetermined	Direct	Direct	Direct	
82277	No	No effect	No effect	No effect	
171376	Yes	Direct	Direct	Direct	
110762	Yes	Direct	Direct	Direct	
82282	Yes	No effect	No effect	No effect	
171364	Yes	No effect	No effect	No effect	
171365	Yes	Direct	Direct	Direct	
171363	Yes	No effect	No effect	No effect	
171367	Yes	Direct	Direct	Direct	
171374	Yes	No effect	No effect	No effect	Fence activity to ensure no effects
171366	Undetermined	No effect	No effect	No effect	Fence site to ensure no effects
13121	Yes	Direct	Direct	Direct	
110764	No	No effect	No effect	No effect	
110752	No	No effect	No effect	No effect	
171369	Undetermined	No effect	No effect	No effect	
110756	Yes	No effect	Direct	No effect	
171368	Undetermined	No effect	No effect	No effect	
110763	Yes	No effect	No effect	No effect	

NATIONAL HISTORIC PRESERVATION ACT
SECTION 106 COMPLIANCE CORRESPONDENCE

4

If you have any questions or concerns, please contact David V. Legare, BLM Archaeologist, at (575) 525-4398 or by e-mail at dlegare@blm.gov.

Thank you for your time in consideration of this issue.

Sincerely,

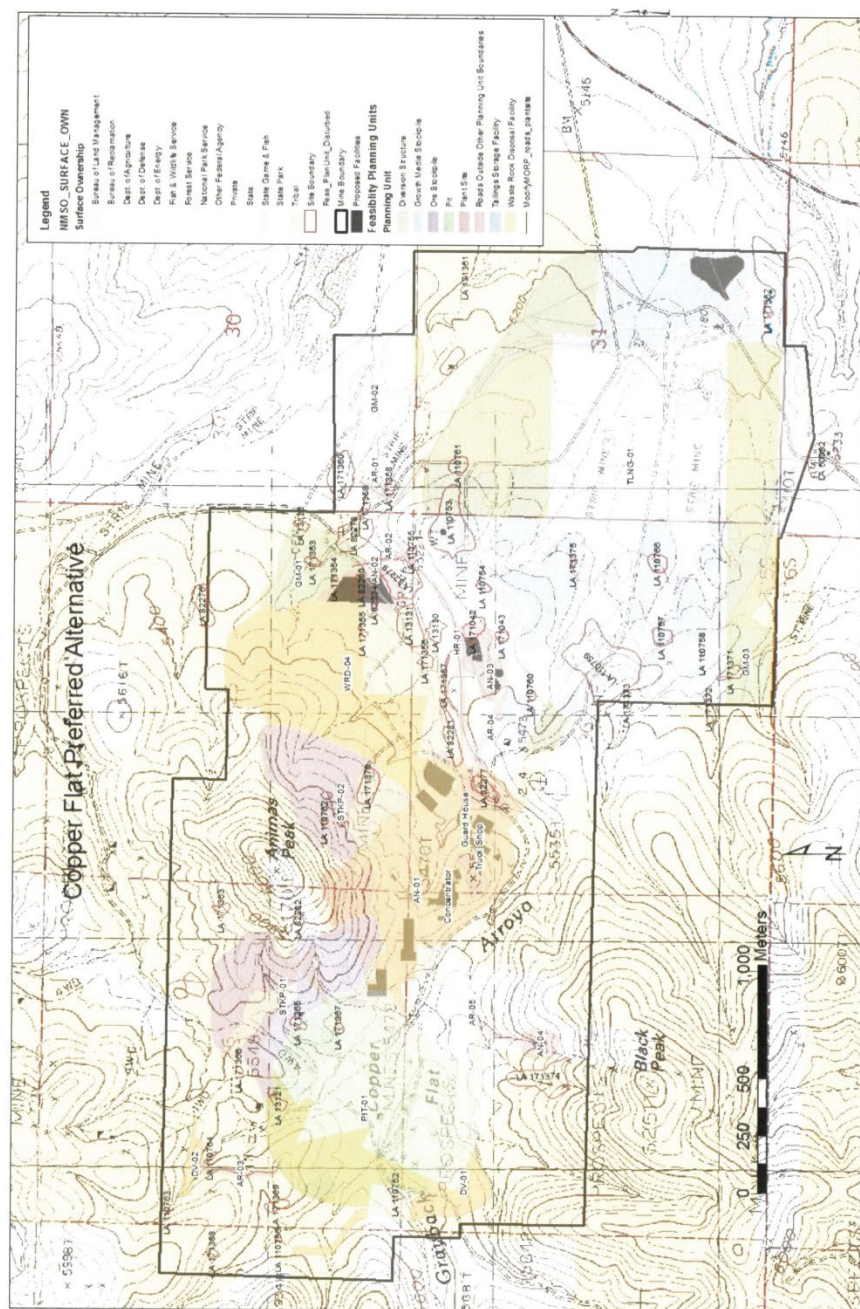
A handwritten signature in blue ink, appearing to read "Bill Childress".

Bill Childress
District Manager

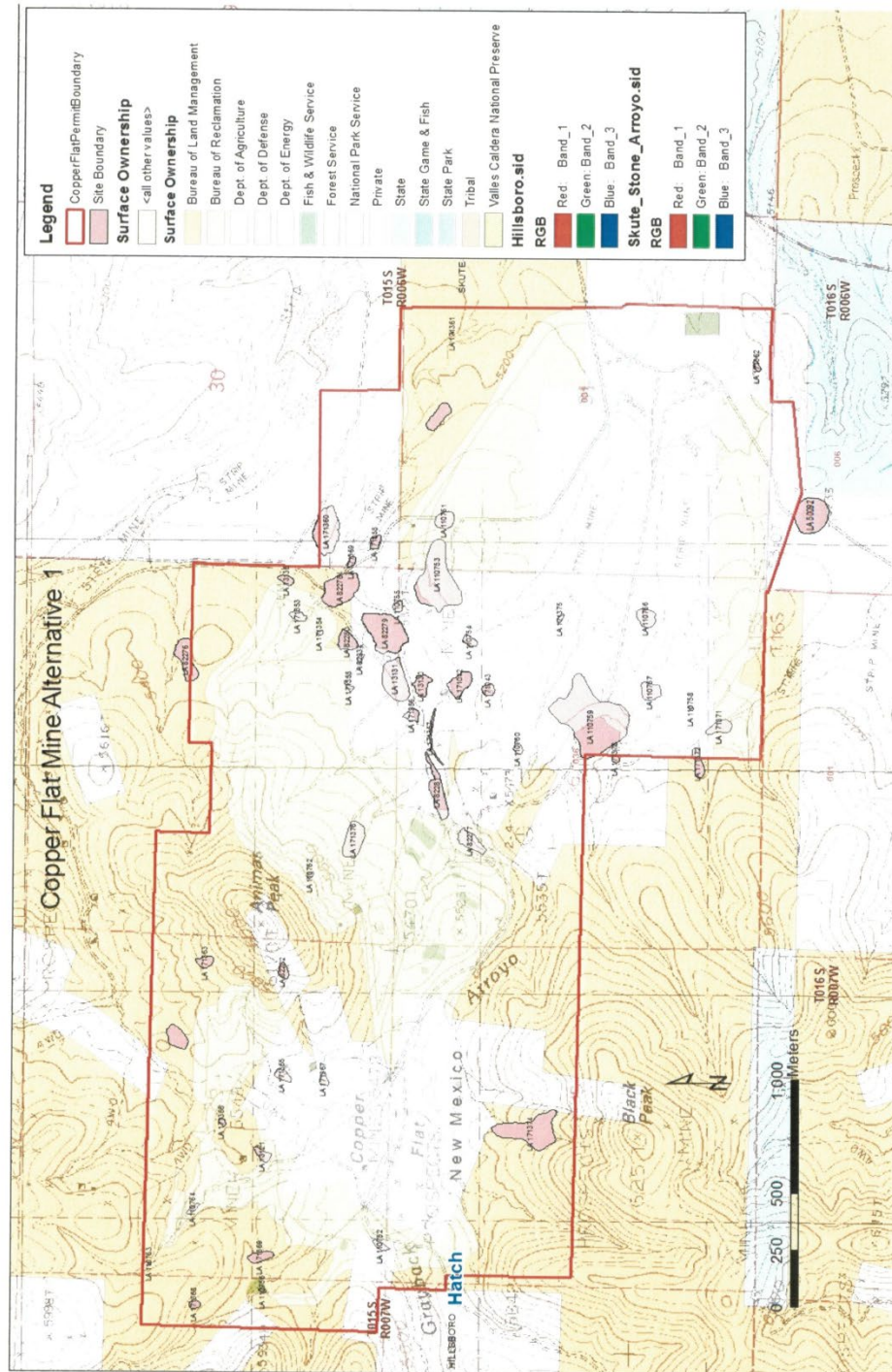
3 Enclosures

L0310:DLegare:cp:9/11/2014:x4375:CopperFlat.NMCC.EffectsLtr

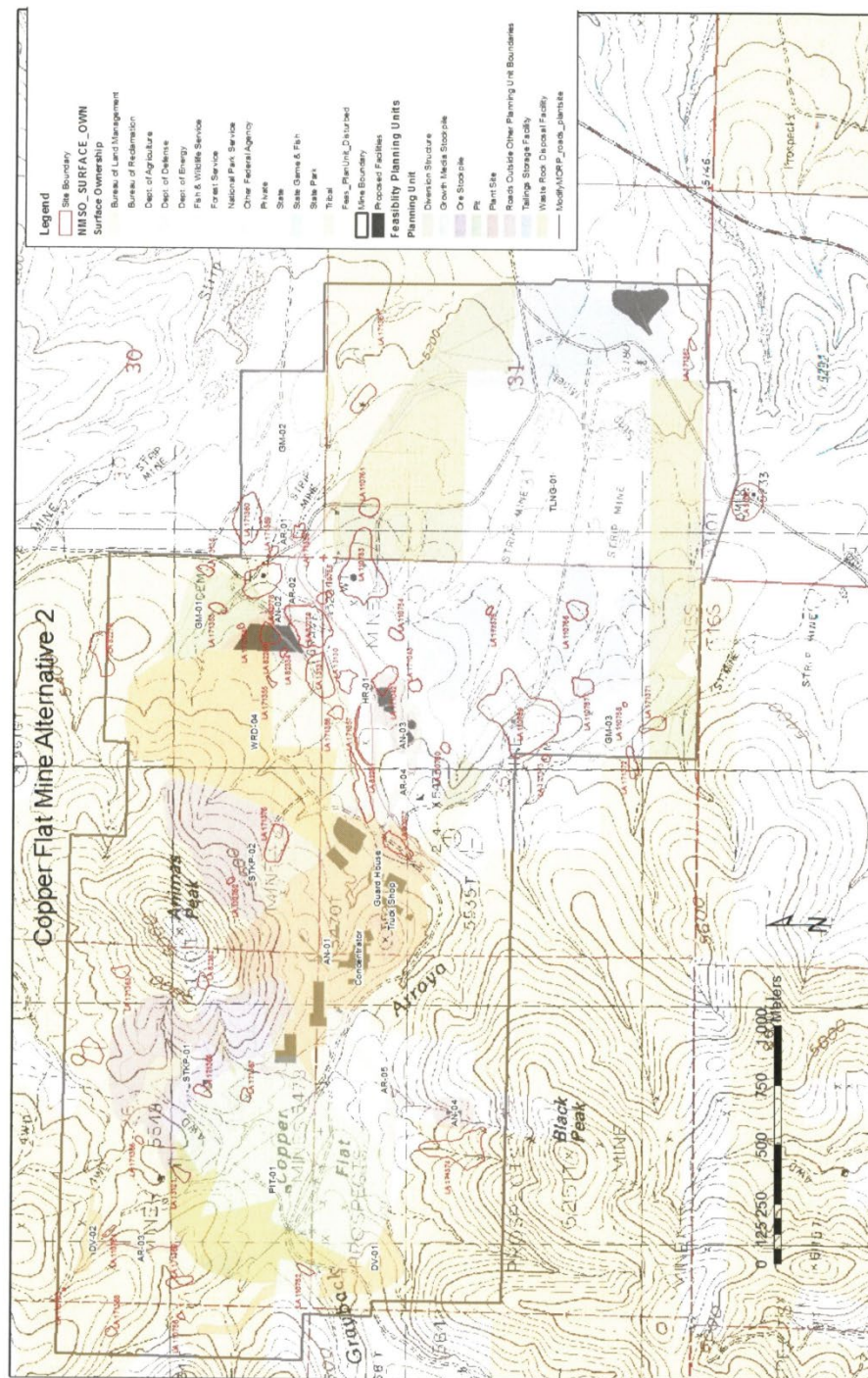
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SECTION 106 COMPLIANCE CORRESPONDENCE



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Susana Martinez
Governor

STATE OF NEW MEXICO
**DEPARTMENT OF CULTURAL AFFAIRS
HISTORIC PRESERVATION DIVISION**

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LAS CRUCES, NM 87801

June 24, 2014

Mr. David Legare
Bureau of Land Management
Las Cruces District Office
1800 Marquess St.
Las Cruces, NM88005

Dear Mr. Legare,

On behalf of the New Mexico State Historic Preservation Officer (SHPO) I have am writing to provide concurrence with the Bureau Land Managements' (BLM) finding of an adverse effect for the New Mexico Copper Corporation's Copper Flat Mine project (HPD log 99329).

The SHPO is looking forward to developing either a Programmatic Agreement (PA) or a Memorandum of Agreement to resolve the adverse effect.

If you have any questions or comments, please feel free to call me directly at (505) 827-4225 or email me at bob.estes@state.nm.us.

Sincerely,

A handwritten signature in blue ink that reads "Bob Estes".

Bob Estes